HOURLY VALUES DECEMBER 1880.

CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
07.4	30.079	30.094	30.103	30.110	30.121	30.135	30.155	30.158	30.159	30.159	30.049	1
066	.059	.054	.052	.056	.050	.055	.051	.056	.052	.057	30.086	2
144	.148	.164	.180	.195	.204	.213	.216	.221	.227	.232	30.126	3
312	.305	.296	.310	.307	.314	.305	.313	.306	.305	.312	30.301	4
294	.294	.300	.308	.321	.323	.340	.346	.340	.348	.354	30.306	5
389	.390	.403	.411	.423	.445	.459	.462	.476	.483	.476	30.399	6
488	.489	.498	.491	.499	.503	.507	.510	.507	.508	.509	30.497	7
528	.528	.533	.543	.542	.558	.571	.567	.563	.558	.569	30.581	8
598	.593	.597	.595	.595	.588	.588	.597	.599	.597	.599	30.598	9
527	.524	.530	.527	.524	.522	.525	.515	.494	.484	.463	30.530	10
282	.266	.268	.267	.261	.256	.254	.248	.251	.266	.261	30.321	11
305	.299	.298	.290	.285	.276	.269	.251	*	*	.251	30.283	12
207	30.203	30.204	30.199	30.203	30.192	30.190	30.179	30.175	30.168	30.152	30.199	13
947	29.939	29.918	29.909	29.888	29.858	29.820	29.792	29.764	29.744	29.728	29.956	14
560	.539	.528	.520	.510	.500	.497	.490	.492	.491	.493	29.578	15
633	.641	.662	.682	.708	.732	.759	.776	.804	.818	.826	29.626	16
839	.820	.812	.799	.781	.767	.739	.700	.657	.610	.549	29.809	17
378	.372	.375	.378	.401	.412	.422	.430	.446	.454	.466	29.413	18
515	.504	.494	.472	.481	.466	.465	.466	.458	.435	.432	29.496	19
590	.596	.616	.614	.632	.643	.672	.689	.709	.730	.766	29.572	20
937	.930	.907	.895	.852	.838	.810	.800	.775	.769	.761	29.884	21
543	.510	.482	.468	.452	.430	.445	.454	.455	.469	.477	29.577	22
179	.141	.112	.092	.081	.077	.071	.068	.078	.101	.122	29.242	23
579	.606	.626	.627	.650	.653	.660	.663	.664	.667	.674	29.485	24
767	.764	.771	.776	.772	.774	.771	.772	.769	.761	.750	29.739	25
415	.381	.360	.331	.301	.284	.252	.236	.221	.215	.219	29.462	26
246	.226	.212	.206	.213	.222	.254	.275	.322	.349	.356	29.261	27
439	.446	.459	.467	.479‡	.500‡	.510‡	.520	.530	.544	.538	29.449	28
373	.364	.365	.352	.343	.332	.316	.312	.304	29.300	29.301	29.410	29
540	29.556	29.640	29.682	29.733	29.796	29.860	29.921	29.983	30.021	30.075	29.576	30
384	30.393	30.415	30.421	30.413	30.411	30.414	30.411	30.413	30.404	30.389	30.383	31

WET BULB THERMOMETER

12 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS.
50.9	51.4	51.6	49.2	48.6	46.7	46.2	45.6	45.7	46.9	46.8	46.6	46.2	45.1	44.9	44.2	42.9	40.9	40.4	39.6	39.4	38.6	38.0	45.3	1
39.1	39.3	38.4	39.2	40.4	41.4	42.6	43.8	45.5	46.5	46.9	48.6	49.0	49.6	50.3	50.8	51.0	51.7	51.8	51.7	51.4	50.9	50.4	46.2	2
50.1	50.3	50.4	50.9	51.2	51.9	51.9	52.1	50.6	48.8	48.9	49.0	49.4	49.3	49.1	51.2	52.0	52.4	52.4	52.6	52.6	52.2	51.8	50.9	3
50.7	50.3	50.0	50.3	50.1	50.1	49.9	49.9	49.5	49.4	49.7	50.6	50.5	50.3	50.0	49.9	50.0	50.3	50.5	50.7	50.7	50.8	50.8	50.3	4
51.6	51.8	51.8	51.8	52.5	52.7	52.7	52.8	53.0	53.1	53.2	53.2	53.2	53.1	53.1	53.0	53.1	53.0	52.9	52.9	52.9	52.9	52.5	52.7	5
52.1	52.1	51.8	52.1	52.0	52.2	51.9	51.9	52.2	52.2	52.2	52.3	52.1	52.2	52.1	52.2	51.9	52.0	51.9	51.6	51.5	51.3	51.0	52.0	6
49.8	49.2	48.7	48.2	48.1	47.7	47.1	47.1	47.1	47.2	47.3	47.5	47.9	47.4	47.0	47.6	47.1	47.6	47.7	47.6	47.1	47.3	47.3	47.8	7
47.4	48.0	48.0	48.2	48.3	48.6	49.1	49.0	49.7	49.6	49.2	49.0	48.6	49.6	49.3	49.7	49.0	49.7	50.0	50.5	50.9	51.2	51.6	49.2	8
51.8	52.0	52.0	52.1	51.9	52.1	51.8	52.0	51.9	52.6	52.9	52.6	52.8	52.6	52.5	52.3	52.6	52.5	52.5	51.4	51.3	51.4	50.4	52.1	9
50.5	50.3	49.8	50.2	50.3	50.6	50.8	51.2	51.5	51.6	51.7	50.0	49.6	49.4	48.9	47.9	47.6	47.8	46.9	47.5	47.0	47.6	48.1	49.5	10
49.6	49.0	49.1	48.5	48.3	47.9	46.4	46.1	46.7	47.8	48.7	48.3	48.9	48.1	48.6	48.4	47.1	49.4	50.2	50.6	50.7	50.4	48.5	48.6	11
49.0	46.8	46.6	45.7	46.4	46.0	45.9	46.5	45.9	47.1	47.8	47.2	46.9	47.1	48.5	49.3	49.4	49.7	48.8	48.1	49.6	49.5	49.3	47.7	12
49.3	49.2	49.5	50.0	48.2	48.7	50.0	50.5	50.9	50.9	51.2	51.4	50.9	50.9	50.5	50.4	50.3	50.5	50.6	50.5	50.5	50.6	50.6	50.2	13
50.9	51.0	50.8	51.1	51.1	51.1	51.0	50.9	50.9	51.4	51.7	51.8	51.9	51.6	51.5	51.4	51.7	51.7	51.9	52.6	52.6	52.6	52.6	51.5	14
52.1	52.0	51.9	51.7	47.5	48.6	48.0	47.6	48.4	48.6	48.3	47.9	48.4	47.9	47.1	45.9	46.9	46.8	46.0	46.5	46.0	45.7	45.2	48.2	15
42.9	43.5	43.4	45.3	43.8	43.4	44.7	42.3	41.3	40.9	40.0	39.4	39.5	39.5	39.7	39.8	39.6	38.7	38.4	37.4	35.9	35.4	35.1	40.6	16
34.3	34.1	34.4	32.6	32.6	33.6	32.9	32.8	33.8	34.6	35.6	36.2	36.9	37.9	36.4	34.4	33.7	33.3	34.7	35.1	38.8	41.9	43.6	35.4	17
44.1	45.0	46.3	45.6	43.9	42.4	45.0	45.0	44.7	42.1	41.3	39.2	38.5	38.8	38.4	38.6	37.4	36.9	36.2	36.0	35.7	35.7	35.9	40.7	18
35.8	36.2	34.9	34.9	35.0	35.9	35.6	36.5	36.6	37.0	37.4	37.3	38.6	38.7	38.9	37.5	38.4	39.3	38.8	38.2	38.4	37.5	36.7	37.1	19
35.9	35.9	34.9	35.4	34.7	35.7	34.4	34.9	36.3	39.0	40.3	40.5	40.9	40.5	39.6	39.6	39.6	40.4	40.0	41.1	41.7	42.9	43.7	38.5	20
43.9	43.5	42.3	42.3	41.9	41.4	40.4	40.2	41.1	41.6	42.5	44.0	43.5	42.6	42.9	43.3	43.7	44.3	44.3	44.6	44.9	46.0	47.1	43.2	21
52.0	52.0	52.4	52.6	52.7	52.7	52.6	52.1	52.0	51.4	51.4	51.7	51.8	51.9	52.0	52.6	52.6	52.1	51.6	51.4	51.0	50.7	49.7	51.8	22
49.6	49.6	49.8	49.8	49.9	50.3	50.3	46.9	47.3	47.9	48.9	49.0	49.0	48.6	49.0	47.0	47.0	46.9	46.9	47.0	45.0	44.9	45.6	48.2	23
46.6	46.5	47.0	47.1	45.5	44.4	45.3	43.2	43.0	42.6	41.9	41.6	42.0	39.3	37.8	37.5	37.0	36.4	35.4	34.9	34.3	35.4	35.0	41.1	24
34.9	35.9	34.4	35.4	35.3	34.5	35.0	35.6	36.1	36.5	36.5	36.3	37.3	36.6	37.3	36.7	34.0	34.7	35.9	35.8	36.3	36.0	36.3	35.8	25
36.3	36.0	35.5	34.7	35.5	35.9	35.9	35.8	35.8	37.5	38.0	37.7	37.9	38.7	39.1	37.6	38.0	38.3	39.4	39.7	39.4	40.4	39.8	37.5	26
39.4	39.0	39.1	39.3	38.8	39.5	39.5	39.8	40.2	*	40.8	41.4	42.1	42.3	42.2	41.8	40.7	39.6	38.9	37.6	37.1	37.3	37.3	39.8	27
38.0	38.0	37.9	37.6	37.2	36.8	36.4	36.9	36.9	37.3	37.2	37.8	37.8	37.3	37.0	37.0	36.9	37.0	37.0	37.5	38.0	38.0	37.7	37.4	28
35.7	35.7	35.4	35.2	35.1	35.3	34.9	34.3	35.5	35.6	37.1	38.2	38.3	38.6	39.0	36.2	35.3	36.1	35.9	37.4	37.0	37.3	36.0	36.3	29
36.8	36.3	35.7	37.3	37.0	38.0	37.8	36.9	37.6	38.0	39.7	40.0	40.5	41.2	40.0	39.4	38.9	37.2	37.8	38.2	38.3	37.5	37.7	38.1	30
37.0	37.4	37.4	38.6	37.4	38.6	38.7	38.6	39.0	39.9	40.3	41.4	41.8	41.0	41.3	41.3	40.0	40.9	42.6	42.4	42.6	43.5	45.2	40.2	31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

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VALENCIA OBSERVATORY LAT: 51° 55′ N. LONG: 10° 18′ W.

WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON			
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	15	40	16	43	16	47	17	33	24	10.5	27	13	28	15	27	13	28	12	27	12	27	12	29	8.5	28	8.
2	28	2	28	1.5	3	4	4	2	5	7.5	8	10.5	8	5.5	8	11	8	10.5	9	16	10	19	11	21	11	19
3	14	40	16	38	15	39	14	40	16	36	16	40	17	44	16	40	17	27	21	9.5	23	8.5	23	6.5	23	4
4	18	38	18	33	17	26	14	20	15	19	15	18	14	19	14	15	14	11	14	21	15	24	14	24	13	27
5	14	36	15	33	15	35	15	30	14	31	15	39	16	35	16	37	16	35	17	34	17	40	17	38	17	42
6	16	30	16	26	15	26	14	28	15	29	16	28	16	29	17	31	17	29	17	30	18	26	18	30	18	28
7	17	29	17	28	18	28	18	23	17	26	14	22	15	24	14	24	14	26	14	27	13	23	15	20	16	20
8	16	24	17	23	16	24	17	25	17	25	17	26	17	24	17	23	17	24	17	18	18	21	19	20	20	21
9	23	16	23	15	23	14	23	12	24	10.5	24	8.5	23	12	23	13	23	13	23	11	23	12	23	13	23	13
10	24	16	24	18	24	19	24	13	24	18	25	16	24	16	24	17	24	17	24	16	24	16	25	13	29	10.
11	23	5.5	23	8.5	24	18	23	15	23	14	24	12	23	14	23	14	23	12	23	10.5	23	14	22	14	22	18
12	25	11	25	13	27	14	26	14	27	15	27	13	26	17	26	17	26	10.5	26	9.5	25	15	24	15	24	17
13	23	20	23	18	24	16	24	15	23	13	24	15	24	17	24	17	24	17	23	17	24	22	25	19	24	23
14	22	26	22	25	22	22	23	19	22	24	22	22	22	24	21	21	21	21	21	24	22	20	22	20	22	24
15	21	30	21	24	21	20	22	14	23	16	25	14	24	10.5	25	10.5	24	10.5	24	10.5	22	21	22	21	21	24
16	23	7.5	23	3	23	2	23	5.5	26	5.5	28	3	28	3	2	16	3	16	3	22	3	21	4	23	3	25
17	4	22	3	5.5	4	8.5	5	5.5	5	5.5	3	10.5	3	10.5	3	6.5	3	6.5	3	4.5	3	4.5	3	6.5	2	3
18	21	28	22	23	22	29	22	31	22	29	22	25	23	29	22	27	22	33	24	31	24	30	24	32	24	30
19	25	33	24	34	25	39	25	31	24	29	26	27	25	24	25	29	24	20	24	24	25	20	25	20	24	19
20	3	3	3	3	3	2	3	4	3	3	3	4.5	3	4.5	3	4	3	4	8	6.5	7	6.5	27	13	25	12
21	25	29	26	21	27	16	27	11	28	8.5	28	6.5	28	4	28	3	5	4	10	5.5	11	11	11	9.5	15	20
22	18	30	20	29	20	28	20	33	20	39	20	37	20	35	20	39	20	41	20	42	19	36	18	38	17	43
23	21	19	20	26	20	28	18	27	18	30	17	39	17	36	17	34	18	32	17	32	19	27	19	25	18	21
24	27	13	27	11	27	13	26	16	26	17	28	16	28	16	28	18	31	16	31	17	3	20	1	15	1	20
25	4	3	4	2	4	6.5	4	4	5	5.5	31	14	31	11	31	10.5	31	11	32	7.5	30	8.5	29	10.5	29	4.
26	8	3	8	3	7	4	4	4	3	4.5	5	10.5	7	8.5	8	12	8	16	8	16	8	18	8	20	7	21
27	3	9.5	1	5.5	1	10.5	1	5.5	4	5.5	2	6.5	3	5.5	7	9.5	6	10.5	6	6.5	4	9.5	8	10.5	7	14
28	3	12	3	11	3	16	2	13	3	18	3	20	3	27	3	25	3	22	3	17	3	22	4	23	3	26
29	2	8.5	2	6.5	2	4.5	2	5.5	2	4.5	2	3	2	2	2	4.5	2	3	2	3	6	1.5	11	2	11	2
30	10	7.5	10	7.5	7	2	7	7.5	11	7.5	13	6.5	26	27	28	26	30	32	31	17	28	26	26	22	26	24
31	30	21	28	19	30	16	31	13	28	16	28	16	29	18	30	13	30	6.5	28	14	29	8.5	27	13	28	9.

RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	005	018	022	025	065	030	065	008	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	003	010	010	004	013	075	038	034	010	018	010	010	.	.	.	.	.	.	.
4	001	001	001	001	001	001	001	003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	003	002	003	.	.	007	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	002	.	006	.	003	002	.	006	045	025	.	.	.	.	.	.
7	.	.	.	.	002	002	001	003	002	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	002	003
9	003	002	005	010	003	002	010	002	005	003	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	005	010	025	.	.	.	.	.	.	.	.	.	.	.	.	003
11	003	012	047	030	003	002	002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	025	005
12	.	.	.	.	.	.	008	003	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	012	003	002	003	005	040	025	023	002	050	005	.	.	.	025	112	016	032	040	022
15	006	022	020	135	090	040	030	005	.	.	020	.	.	.	.	.	020	005	020	025	010	020	045	010
16	002	002	002	002	002	002	003	075	003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005
18	040	.	.	005	035	065	065	010	.	.	005	002	003	003	002	025	017	003	003	012	005	022	.	008
19	.	020	010	010	005	.	.	.	005	.	015	005	002	003	.	.	013	.	007	008	022	067	038	002
20	002	.	.	002	002	004	018	005	008	005	017	.	.	.	.	010	002	023	007	.	015	015	002	003
21	.	.	005	002	002	002	002	002	002	003	.	012	038	080	145	075	030	035	015	020	050	088	052	065
22	027	003	005	040	005	003	010	017	.	.	.	.	.	010	020	020	005	010	.	005	015	.	.	.
23	.	.	.	.	.	.	.	070	200	025	.	.	.	.	008	005	015	.	.	.	062	260	005	.
24	.	.	.	003	002	002	.	.	003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	008	002	002	001	003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	045	.	055	085	.	.	020	025	007	010	035	.
27	013	008	002	.	.	.	.	.	.	002	003	.	.	.	005	110	130	125	115	.	.	.	.	.
28	.	.	020	002	.	.	.	.	.	.	.	.	013	002	003	002	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	030	062	003
30	.	.	010	.	003	007	105	055	055	040	025	.	.	.	025	047	.	003	005	.	.	.	.	.
31	.	010	.	.	002	002	002	002	002	.	.	.	.	.	.	.	.	008	.	.	.	.	.	.

* Record defective or Instrument out of action † Obtained from reading of Standard ‡ Approximate.

HOURLY VALUES DECEMBER 1880

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS.
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
21	7.5	29	5.5	28	7.5	28	5.5	28	4.5	28	1.5	28	2	28	3	28	4.5	28	2	28	2	1
	9.5	11	17	12	19	13	21	13	25	14	28	14	27	14	29	15	33	15	33	14	36	2
2	2	23	2	81	5.5	18	4.5	18	18	18	23	17	29	17	26	16	31	17	33	18	34	3
1	27	14	26	13	30	14	30	13	34	13	30	13	33	14	33	14	33	14	37	14	37	4
1	40	17	40	17	42	17	38	16	34	16	36	16	34	16	36	16	34	16	33	17	27	5
1	23	18	23	18	24	18	22	16	21	16	24	16	23	17	28	17	27	17	29	17	30	6
1	23	15	27	15	21	16	23	16	26	16	26	16	25	15	29	15	26	15	25	15	25	7
2	20	20	20	20	17	21	15	21	19	21	20	21	22	21	18	21	17	22	19	23	19	8
2	15	23	13	23	13	23	12	23	16	23	15	23	20	25	16	24	11	25	18	25	18	9
2	6.5	29	10.5	29	7.5	28	6.5	28	8.5	27	5.5	27	7.5	27	6.5	26	4.5	26	4	26	3	10
2	18	23	15	24	12	24	13	23	11	23	13	23	14	24	14	23	14	26	19	28	11	11
2	19	25	15	24	13	23	14	23	14	23	16	23	15	22	22	23	20	23	22	23	20	12
2	22	24	21	23	22	23	23	23	20	23	20	23	23	23	23	22	24	22	24	21	24	13
2	22	22	24	21	23	21	25	20	27	19	25	19	30	20	32	20	32	20	30	21	32	14
2	20	22	24	22	24	22	21	22	21	22	20	23	17	24	14	24	13	24	6.5	23	6.5	15
	23	3	25	4	29	4	32	4	33	4	35	4	26	4	30	3	28	3	22	3	25	16
	3	2	4.5	2	4	2	3	2	2	2	4	9	10.5	12	9.5	14	24	17	32	18	38	17
	34	24	36	22	32	22	35	25	38	26	31	26	32	25	33	24	30	25	26	25	28	18
2	17	23	13	24	10.5	22	11	22	6.5	22	6.5	22	4.5	27	3	27	4	27	7.5	3	4.5	19
2	19	24	20	23	20	25	26	23	28	24	26	25	31	25	29	25	29	25	31	24	28	20
1	26	12	26	11	23	11	25	11	36	11	38	11	33	11	27	10	15	11	11	14	14	21
1	41	18	39	18	38	19	34	20	30	21	24	21	25	21	21	21	24	21	23	21	17	22
1	19	16	20	16	20	18	20	16	19	17	13	18	4	14	5.5	21	4.5	21	4	28	7.5	23
	17	4	13	2	14	2	9.5	4	5.5	4	1.5	4	3	4	1.5	4	1.5	2	4	4	2	24
2	8.5	25	10.5	27	4.5	27	7.5	24	5.5	24	3	24	3	32	5.5	7	3	7	3	7	6.5	25
	27	6	28	5	20	4	22	5	21	4	23	5	30	4	18	4	20	1	16	1	9.5	26
	16	5	14	5	15	5	18	32	13	32	14	1	16	32	18	1	9.5	6	4	3	4.5	27
	21	2	23	2	26	2	27	2	24	3	19	3	16	3	14	3	15	3	16	2	13	28
	1.5	5	1.5	5	1.5	5	2	5	6.5	10	9.5	11	8.5	14	6.5	12	10.5	10	10.5	10	4.5	29
2	26	28	34	28	34	29	37	30	43	31	36	32	30	32	24	32	25	30	24	29	22	30
2	12	26	9.5	26	9.5	26	6.5	27	9.5	24	6.5	25	14	23	5.5	23	10.5	23	13	22	17	31

VAPOUR TENSION

IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1·358	369	373	340	337	306	291	277	281	296	295	281	275	259	261	258	252	241	234	231	223	223	219	1
221	223	214	221	228	233	245	263	281	291	294	317	330	343	357	365	365	379	376	373	364	354	346	2
341	340	345	349	352	370	371	380	364	337	339	338	346	346	343	371	378	385	381	387	384	381	373	3
350	340	334	343	339	342	337	341	328	318	320	336	338	337	336	337	339	343	348	350	353	352	352	4
366	369	372	376	385	388	386	388	393	393	396	393	393	391	393	391	393	388	387	388	390	390	385	5
373	373	369	374	371	377	372	371	380	379	379	383	377	381	378	380	372	373	371	363	362	361	353	6
324	316	313	307	305	297	287	289	289	292	291	293	301	291	287	301	288	297	298	298	288	291	290	7
286	300	297	303	302	306	321	313	332	320	308	302	293	318	312	331	317	329	332	345	362	369	373	8
380	382	384	385	382	388	385	385	384	388	394	392	397	392	393	393	395	393	393	372	368	366	342	9
353	347	335	343	344	351	361	370	375	376	372	349	340	340	332	315	304	307	291	317	305	319	330	10
350	340	340	329	322	311	285	282	292	317	327	314	322	310	325	320	307	335	349	356	357	353	326	11
326	280	282	267	277	266	264	277	265	281	294	282	278	280	314	340	341	342	327	302	333	331	328	12
335	329	333	344	303	312	343	353	361	352	353	359	349	350	348	348	347	349	352	347	345	352	356	13
359	365	360	363	361	361	358	363	365	377	381	383	381	374	369	372	372	374	375	388	388	391	390	14
384	384	381	381	308	334	321	315	324	319	310	307	310	300	288	279	292	294	282	295	288	286	281	15
263	276	273	280	272	274	288	256	237	235	219	212	215	218	224	222	221	212	210	194	185	185	182	16
182	180	183	173	172	177	170	176	177	181	180	184	187	197	188	179	179	175	183	179	208	245	266	17
249	265	292	300	278	254	280	280	276	228	216	202	182	202	200	206	195	202	181	177	180	171	189	18
177	196	161	154	155	176	161	183	172	193	191	181	202	203	208	193	211	225	221	215	222	214	207	19
203	203	198	203	195	204	192	198	208	231	211	218	223	222	213	213	214	214	199	230	246	235	247	20
244	239	223	221	223	228	235	233	240	240	254	270	264	256	262	265	268	276	276	280	285	297	313	21
380	380	387	384	384	387	385	371	368	364	366	372	375	377	378	383	385	381	371	368	360	356	342	22
333	334	339	344	341	347	350	300	300	299	323	326	324	320	327	299	296	297	304	307	289	292	284	23
293	291	298	298	287	254	271	244	242	241	238	220	226	192	184	191	191	193	184	176	169	185	188	24
191	196	186	195	166	156	162	169	174	170	166	158	174	163	181	177	161	165	190	188	189	181	182	25
189	186	181	177	172	171	171	169	164	186	194	203	207	213	218	210	211	212	219	225	220	241	238	26
231	224	228	226	223	231	233	236	240	*	239	238	247	250	250	249	239	233	225	213	209	211	213	27
214	216	212	209	209	203	201	206	205	210	206	215	215	209	204	203	200	202	202	208	211	207	202	28
194	191	190	188	188	191	184	184	188	195	202	206	197	202	215	202	192	191	189	209	212	213	205	29
208	207	199	213	209	214	211	201	208	191	204	200	216	242	226	200	207	197	195	205	206	176	182	30
178	183	185	190	175	200	201	212	212	207	199	223	229	221	233	232	227	232	256	248	240	246	274	31

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54° 21' N. LONG: 6° 39' W

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.733	29.713	29.695	29.662	29.649	29.621	29.613	29.633	29.682	29.713	29.740	29.750	29.7
2	·946	·944	·962	·972	·977	·978	·984	·997	30.010	30.014	30.024	30.015	30.0
3	29.902	29.864	29.877	29.866	29.851	29.825	29.830	29.829	29.819	29.817	29.854	29.880	29.8
4	30.054	30.061	30.077	30.084	30.085	30.088	30.100	30.107	30.120	30.131	30.128	30.126	30.1
5	·108	·090	·076	·061	·072	·068	·070	·066	·066	·054	·064	·055	·0
6	·092	·085	·084	·072	·070	·068	·066	·068	·081	·103	·111	·108	·1
7	·308	·286	·281	·269	·254	·259	·259	·266	·269	·269	·272	·252	·2
8	·252	·248	·245	·234	·226	·226	·220	·223	·221	·223	·217	·200	·1
9	·207	·226	·227	·233	·229	·227	·233	·230	·218	·231	·235	·226	·2
10	·125	·106	·083	·078	·074	·073	30·080	30·108	30·130	30·150	30.164	30·168	30·1
11	30.130	30.102	30.098	30.069	30.042	30·010	29·992	29.965	29.942	29.925	29.919	29.896	29.8
12	29.829	29.842	29.842	29.858	29.858	29.862	·885	·885	·896	·914	·912	·907	·9
13	·720	·711	·716	·722	·732	·734	742	·740	·756	·764	·769	·761	·7
14	·749	·749	·753	·756	·757	·763	·770	·772	·784	·795	·801	·801	·7
15	·432	·394	·365	·330	·326	·310	·290	·292	·292	·280	·282	·253	·2
16	·231	·249	·268	·285	·309	·342	·374	·415	·446	·485	·526	·540	·5
17	·709	·704	·706	·708	·698	·692	·695	·683	29·680	29·677	29·671	29·651	29·6
18	29·329	29·277	29·231	29·169	29·112	29·078	29·044	·010	28·971	28·947	28·930	28·921	28·9
19	28.920	28·918	28·936	28·935	28·939	28·953	28·969	·000	29·023	29·039	29·065	29·063	29·0
20	29.178	29·173	29·180	29·186	29·181	29·168	29·180	·202	·231	·281	·246	·244	·2
21	·413	·460	·515	·555	·603	·652	·676	·703	·737	·774	·794	·793	·7
22	·682	·659	·619	·563	·515	·475	·453	·424	·419	·393	·389	·347	·3
23	29·102	29·114	29·122	29·123	29·126	29·126	29·104	29·108	·104	·099	·084	·051	·0
24	28·846	28·846	28·858	28·877	28·891	28·909	28·946	28·982	·036	·078	·123	·157	·1
25	29·315	29·307	29·303	29·285	29·299	29·312	29·323	29·383	·352	·373	·419	·416	·4
26	·468	·470	·463	·457	·453	·438	·438	·436	·435	·438	·428	·416	·3
27	·224	·211	·197	·186	·188	·179	·194	·207	·226	·240	·262	·256	·2
28	·237	·237	·248	·256	·270	·279	·291	·303	·319	·327	·325	·322	·3
29	·299	·300	·287	·290	·288	·272	·261	·249	·243	·224	·213	·173	·1
30	·082	·089	·099	·108	·118	·130	·149	·175	·203	·230	29·248	29·268	29·2
31	29·736	29·767	29·796	29·833	29·880	29·905	29·932	29·940	29·968	29·993	30·010	30·028	30·0

DRY BULB THERMOMETER

4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MI
1	47.6	47.2	47.0	47.2	47.0	47.1	47.1	47.0	44.6	44.5	44.9	45.9	46.7	46.0	45.2	43.3	41.6	42.2	40.7	39.2	39.6	37.9	37.6	37.9	4
2	37.5	36.4	36.1	36.0	35.4	35.2	34.9	34.0	35.0	36.3	39.7	41.4	42.7	41.0	40.3	39.4	40.0	41.2	41.9	42.0	45.0	45.9	45.7	45.9	3
3	46.7	47.0	47.2	47.6	47.5	48.3	48.0	48.1	47.7	48.2	48.6	47.4	47.8	48.4	47.1	45.4	43.8	43.1	42.2	41.3	41.0	40.2	40.7	40.9	4
4	41.6	42.9	41.0	40.8	41.0	41.9	41.5	47.0	48.4	48.7	50.4	51.2	51.7	51.4	50.0	48.3	47.5	47.6	47.1	46.5	45.8	45.4	46.0	45.9	4
5	46.7	46.9	47.7	48.0	48.4	49.0	49.1	49.3	50.0	50.7	50.7	51.0	51.8	52.6	53.0	53.0	53.2	53.1	53.0	53.0	53.2	53.4	53.5	53.4	5
6	53.6	53.8	54.0	53.9	53.8	53.8	53.3	52.9	52.6	52.3	52.4	52.5	52.3	52.7	52.8	52.0	51.7	51.0	50.6	49.3	47.8	45.8	43.9	42.1	5
7	41.6	44.3	47.2	48.1	49.0	49.0	49.9	50.0	50.8	50.9	50.6	50.6	49.5	48.7	48.0	47.8	47.4	47.4	47.1	47.1	46.8	46.5	46.2	46.2	4
8	46.3	46.6	46.7	46.6	46.9	47.0	47.1	47.4	47.8	48.0	48.8	48.9	49.1	51.0	50.4	50.2	50.3	49.7	49.4	49.7	50.0	50.3	50.1	48.6	4
9	48.3	48.1	47.3	47.0	47.0	46.9	46.5	47.0	46.5	47.0	47.2	47.8	48.0	47.7	47.9	48.9	50.0	50.5	50.6	50.5	51.0	51.4	52.0	52.2	4
10	52.2	52.1	52.9	52.8	51.8	51.4	50.7	48.2	47.0	47.5	48.5	48.5	49.0	48.3	48.0	46.7	46.2	46.5	46.0	46.1	46.0	46.0	46.3	46.0	4
11	45.3	43.9	44.3	44.8	44.6	44.2	45.0	45.7	47.4	48.3	49.1	49.0	48.9	48.7	48.8	48.8	48.9	48.5	47.6	46.7	47.4	46.8	46.0	44.9	4
12	44.2	44.4	43.7	44.2	43.7	44.0	43.4	43.5	43.7	44.0	45.9	46.0	46.9	46.0	45.9	45.5	45.5	46.8	47.9	48.3	48.9	49.1	49.4	48.7	4
13	48.9	49.9	50.3	48.9	48.1	47.9	47.8	47.7	47.5	47.6	47.5	47.9	47.9	47.7	47.1	46.9	46.5	47.0	47.1	47.1	46.5	45.7	44.9	44.1	4
14	43.8	42.8	42.1	41.3	40.7	39.8	39.0	38.0	37.9	38.4	38.9	38.9	38.0	37.5	36.7	35.2	35.0	35.3	35.5	36.0	36.6	37.0	38.4	38.7	3
15	40.5	42.4	44.0	44.0	44.3	44.9	45.4	45.5	46.4	44.4	45.1	46.2	47.0	46.4	46.5	46.2	45.2	45.7	45.0	44.7	44.2	44.0	43.9	41.0	4
16	40.0	39.3	38.4	37.6	39.0	39.0	38.9	38.7	38.3	38.6	38.6	37.8	38.9	38.1	37.8	36.7	35.1	32.9	32.0	31.4	31.3	31.0	31.1	31.7	3
17	30.9	30.7	29.7	29.1	28.1	28.2	27.3	28.0	27.5	29.5	31.1	33.1	34.8	34.6	34.5	33.0	32.1	32.1	31.7	31.6	32.9	32.9	33.2	33.1	3
18	33.5	33.8	34.0	34.2	35.0	34.9	34.5	35.2	36.9	37.4	37.9	38.0	38.1	37.8	36.1	35.0	34.1	33.9	34.1	33.6	34.0	34.0	33.5	32.8	3
19	32.6	32.0	32.5	32.0	31.9	31.5	32.0	32.0	32.4	32.7	33.1	34.0	34.1	34.0	33.6	33.7	33.4	33.8	34.1	34.4	34.3	34.1	34.2	34.0	3
20	33.4	33.3	32.5	32.0	31.0	30.7	30.5	31.0	30.8	32.2	34.0	35.0	35.9	35.9	35.3	35.1	34.4	34.3	34.7	34.3	34.0	33.9	34.0	34.2	3
21	34.0	34.7	33.1	33.0	32.0	34.3	33.4	32.1	31.0	31.1	34.3	35.9	37.9	37.1	35.1	33.1	31.9	31.1	30.7	31.1	30.8	30.9	30.2	30.1	3
22	31.8	32.4	34.8	35.7	36.1	36.7	36.4	37.8	38.1	39.1	40.0	41.0	41.4	42.5	43.0	45.9	48.6	49.1	49.8	49.9	49.9	49.2	48.9	47.1	4
23	45.4	44.1	43.2	43.3	42.8	42.8	45.9	45.9	46.5	46.7	48.1	46.5	46.5	47.0	46.2	45.9	45.8	45.3	45.1	45.0	44.9	44.8	44.0	43.4	4
24	43.0	43.0	43.1	43.0	42.1	42.0	41.6	39.9	39.9	39.7	39.2	36.4	37.0	37.4	35.8	35.2	33.7	33.3	31.6	30.9	30.5	30.3	30.6	30.5	3
25	30.5	31.0	31.2	31.9	32.2	32.6	32.9	32.5	32.0	32.4	33.8	35.0	35.3	35.9	35.4	35.0	34.0	33.6	32.3	32.8	32.7	32.2	31.6	31.9	3
26	31.2	31.0	30.2	30.3	29.9	29.9	28.9	28.3	28.2	27.2	28.0	29.9	31.0	33.2	32.9	32.0	31.7	29.0	29.3	28.4	28.5	26.9	27.9	27.5	2
27	26.9	28.5	28.2	27.7	28.0	28.4	28.0	28.1	27.5	28.6	29.4	29.6	30.0	30.7	31.9	32.1	32.7	33.0	32.7	34.0	34.2	34.2	34.0	33.8	3
28	33.9	34.0	34.1	34.0	34.0	33.9	34.6	34.1	34.3	35.0	35.4	36.0	36.0	36.0	36.0	35.7	35.5	35.6	35.8	35.4	35.5	35.8	35.6	35.6	3
29	35.7	35.3	34.7	35.0	35.1	35.0	35.4	34.5	33.8	33.8	34.4	35.2	35.9	36.0	36.3	36.0	35.9	35.1	34.8	33.7	31.9	32.6	31.0	30.4	3
30	30.0	29.9	29.6	29.0	30.1	30.0	29.9	29.2	29.0	29.8	31.9	33.0	34.2	34.0	33.7	32.9	32.4	32.3	33.0	32.9	34.1	33.6	33.0	32.0	3
31	32.3	31.9	30.9	30.0	29.9	30.3	29.4	29.5	29.5	31.0	32.6	33.4	34.1	34.4	34.9	35.0	34.5	35.0	34.9	35.5	35.5	35.6	37.0	37.3	3

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

HOURLY VALUES DECEMBER 1880.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
758	29.786	29.800	29.823	29.844	29.858	29.872	29.892	29.917	29.938	29.944	29.766	1
995	.981	.983	.981	.971	29.957	29.944	29.940	29.921	29.917	29.906	29.972	2
912	29.926	29.946	29.973	29.988	30.009	30.020	30.033	30.034	30.043	30.048	29.919	3
119	30.124	30.136	30.136	30.140	.144	.146	.137	.130	.124	.121	30.114	4
026	.024	.030	.049	.059	.070	.072	.074	.085	.083	.086	30.065	5
130	.154	.185	.191	.218	.224	.255	.258	.275	.288	.316	30.151	6
252	.263	.271	.270	.270	.272	.268	.278	.265	.262	.271	30.268	7
150	.148	.132	.144	.140	.130	.136	.146	.159	.160	.203	30.191	8
192	.178	.172	.166	.159	.153	.136	.142	.146	.144	.144	30.195	9
169	30.183	30.187	30.190	30.194	30.191	30.204	30.190	30.184	30.170	30.156	30.147	10
854	29.836	29.818	29.819	29.822	29.832	29.830	29.824	29.843	29.836	29.840	29.922	11
884	.875	.856	.828	.806	.779	.773	.760	.750	.753	.730	29.841	12
753	.747	.749	.743	.743	.738	.736	.737	.736	.747	.747	29.742	13
777	.769	.778	.776	.750	.734	.692	.656	.610	.549	.491	29.734	14
217	.205	.201	.193	.192	.185	.184	.180	.183	.190	.211	29.259	15
561	.578	.601	.629	.645	.651	.667	.675	.690	.699	.706	29.505	16
612	29.593	29.583	29.567	29.551	29.527	29.498	29.475	29.436	29.393	29.367	29.604	17
910	28.910	28.908	28.897	28.887	28.896	28.885	28.897	28.890	28.905	28.912	28.993	18
091	29.108	29.119	29.107	29.119	29.139	29.153	29.152	29.169	29.159	29.177	29.055	19
242	.244	.243	.244	.254	.259	.276	.289	.312	.334	.381	29.238	20
792	.798	.792	.791	.793	.794	.776	.763	.742	.743	.697	29.706	21
286	29.252	29.216	29.187	29.149	29.127	29.116	29.097	29.081	29.077	29.077	29.330	22
972	28.942	28.918	28.906	28.890	28.874	28.866	28.854	28.846	28.842	28.842	29.001	23
219	29.236	29.261	29.290	29.310	29.327	29.321	29.328	29.335	29.329	29.320	29.126	24
424	.437	.440	.455	.466	.473	.476	.476	.467	.475	.476	29.397	25
381	.354	.346	.334	.320	.308	.302	.286	.274	.262	.239	29.381	26
255	.259	.263	.262	.263	.258	.257	.255	.251	.247	.240	29.235	27
297	.307	.307	.298	.295	.304	.300	.300	.303	.307	.305	29.294	28
097	.066	.063	.050	.051	.050	.058	.064	.066	.078	.083	29.165	29
295	29.328	29.361	29.398	29.430	29.467	29.517	29.586	29.617	29.665	29.702	29.314	30
030	30.048	30.051	30.058	30.066	30.070	30.080	30.073	30.061	30.071	30.063	29.979	31

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
044	44.6	44.6	45.0	45.6	46.0	46.4	46.8	43.8	43.9	44.0	44.9	45.4	44.7	43.9	42.1	40.5	41.1	39.7	38.1	38.2	36.9	36.5	36.7	42.7	1
435	7	35.5	35.0	34.4	34.3	33.9	33.0	34.0	36.9	38.0	39.7	40.5	39.5	39.1	37.9	37.7	39.0	40.0	40.6	43.0	43.9	43.9	44.0	38.2	2
545	9	46.2	46.6	46.5	47.0	46.6	46.5	46.6	47.1	47.9	46.3	46.8	47.1	45.7	44.2	42.5	42.0	41.3	40.5	40.3	39.1	39.6	39.9	44.5	3
442	1	40.5	40.3	40.8	41.4	41.2	46.8	48.0	48.1	49.4	49.3	49.5	48.9	47.4	46.3	45.4	45.5	45.3	44.3	43.9	43.3	44.0	44.2	44.8	4
045	1	45.9	46.1	46.8	47.0	47.4	48.0	48.5	49.4	49.5	50.1	51.0	51.9	52.2	52.5	52.7	52.6	52.7	52.8	52.9	52.9	53.0	53.0	50.0	5
052	9	53.0	53.0	52.9	52.6	52.5	52.0	51.8	51.5	51.7	51.9	51.9	52.1	52.2	51.5	51.1	50.7	50.3	48.9	47.4	45.5	43.3	41.7	50.6	6
044	0	46.8	47.4	48.2	48.3	49.1	49.5	50.0	49.5	48.6	48.1	47.3	46.2	46.0	45.5	45.1	45.0	44.8	44.9	44.5	44.2	43.9	43.9	46.3	7
843	9	43.9	44.0	44.1	44.1	44.3	44.8	45.0	45.2	45.8	46.1	46.7	47.0	48.1	47.5	47.7	48.0	48.1	48.4	48.9	49.1	49.7	49.1	46.9	8
947	0	46.0	45.6	45.9	46.0	45.0	45.0	44.9	46.1	45.1	45.4	45.9	46.0	45.7	46.0	47.2	48.5	49.2	48.9	48.9	49.5	50.0	50.3	50.5	47.1	9
951	0	51.0	51.0	50.4	50.0	49.4	46.1	44.7	44.9	45.9	45.0	45.0	44.7	44.9	43.2	43.3	43.3	43.2	43.6	43.3	43.2	43.4	44.0	46.1	10
242	0	42.6	42.8	42.1	42.0	42.9	44.4	46.5	47.5	48.0	48.1	48.0	48.0	48.0	47.9	47.9	46.7	45.4	44.1	43.9	43.7	42.9	42.1	45.0	11
441	7	41.0	41.5	41.3	41.7	41.0	40.9	41.2	41.8	42.9	43.0	44.0	44.2	44.2	44.2	44.8	45.8	46.2	47.0	47.0	46.4	46.6	47.0	43.6	12
748	2	48.7	48.2	47.6	47.0	47.0	47.0	46.9	46.9	46.9	46.7	47.0	46.9	46.6	46.1	46.2	45.9	46.0	46.2	46.0	45.0	44.0	43.1	42.7	46.4	13
440	0	39.8	39.8	39.1	38.9	38.0	37.0	37.0	37.5	38.0	38.0	36.9	36.4	35.7	34.3	34.3	34.2	34.3	34.9	35.6	35.9	37.2	37.5	37.2	14
441	4	43.0	43.4	44.0	44.7	45.1	45.2	45.1	43.9	44.5	44.9	45.6	45.1	45.1	44.9	44.3	44.7	44.0	44.0	43.3	43.3	43.3	40.2	43.9	15
138	2	37.0	36.6	37.6	37.2	36.9	36.4	36.3	35.9	35.8	35.0	35.1	35.0	35.0	34.6	33.0	31.3	30.7	30.2	30.1	†30.0	*	30.9	34.5	16
29.5	28.9	28.1	27.4	27.6	26.5	27.1	26.9	28.1	29.9	31.3	33.0	33.0	32.9	31.9	30.9	30.8	*	*	30.6	30.4	*	*	29.9		17
- - - -	*	- - - - -	- - - -	33.4	33.7	34.3	35.9	36.1	36.7	37.0	36.9	35.0	34.0	33.4	33.0	32.4	32.1	*	*	*	*	*	†33.4		18
30.4	29.8	29.2	29.5	30.6	30.0	30.9	30.9	30.9	- - - -	*	- - - -	32.1	32.4	- - - -	- - - -	- - - -	*	*	- - - -	- - - -	*	32.0	†31.4		19
*	*	- - - -	30.0	29.9	29.9	29.9	29.8	30.9	32.5	33.5	34.0	34.2	34.0	34.0	33.2	33.1	33.3	33.2	33.2	33.0	33.1	33.6	32.2		20
39.9	32.3	32.3	31.4	33.8	32.9	31.5	30.1	*	*	†33.0	35.8	35.1	33.8	32.0	30.9	30.1	29.6	*	*	30.5	29.4	29.4	31.8		21
31.7	*	35.0	35.9	36.2	36.0	37.3	37.8	38.9	39.8	40.6	41.0	42.0	42.9	45.4	48.0	48.9	49.0	49.2	49.0	48.9	48.4	46.5	41.4		22
43.1	42.5	42.5	41.8	42.0	44.3	45.1	45.7	45.9	46.8	45.2	45.9	46.5	45.9	45.3	45.1	45.0	45.0	44.8	44.5	44.4	43.6	43.2	44.5		23
42.9	42.9	42.2	41.7	41.6	40.2	38.3	38.2	37.8	36.8	36.4	34.9	34.7	33.9	32.5	32.1	- - - -	*	- - - -	29.8	29.3	29.3	29.4	35.8		24
29.7	30.0	30.9	30.9	30.9	31.0	31.7	31.0	31.0	32.0	33.0	33.8	33.9	33.8	33.4	33.0	32.4	31.3	31.9	31.9	31.7	30.9	31.0	31.7		25
*	29.8	29.5	29.0	29.0	28.2	27.7	27.5	27.0	27.3	29.0	30.0	32.0	*	*	30.7	28.0	28.5	27.9	27.8	26.2	27.2	26.9	28.9		26
27.9	27.7	27.1	27.8	28.0	27.4	27.6	26.9	27.9	28.6	28.9	29.1	30.0	30.9	31.4	32.0	- - - -	*	- - - -	33.3	33.4	33.4	33.1	29.8		27
33.2	33.3	33.2	33.2	33.0	33.3	33.1	33.3	33.8	34.0	34.9	34.9	35.0	35.0	34.6	34.4	34.5	34.7	34.4	34.6	34.8	34.9	35.0	34.1		28
34.9	34.0	34.3	34.5	34.3	34.6	33.8	33.0	33.0	33.7	34.1	34.8	34.7	34.6	34.4	34.1	33.8	33.3	32.4	31.0	31.7	30.1	29.4	33.5		29
28.9	28.7	28.3	29.2	29.1	29.0	28.3	28.1	29.0	30.6	31.7	32.9	33.0	32.6	32.1	31.6	31.4	31.9	31.7	33.0	32.9	32.1	30.9	30.7		30
30.5	*	29.0	29.0	29.3	28.3	28.2	28.4	30.0	31.4	*	33.2	33.3	33.9	34.0	33.6	34.0	34.0	34.5	34.4	34.8	36.0	36.4	32.0		31

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT. Secretary.

ARMAGH OBSERVATORY LAT. 54° 21′ N. LONG: 6° 39′ W.

WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

DAYS:	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	
1	17	20	17	20	17	24	18	21	17	22	17	21	18	19	27	11	26	6.5	25	7.5	24	8.5	24	10.5	24	
2	18	7.5	18	7.5	19	8.5	19	8.5	19	8.5	19	6.5	19	5.5	19	6.5	19	8.5	18	6.5	18	8.5	19	4.5	18	
3	15	12	15	11	16	9.5	16	15	16	21	15	21	17	19	17	18	17	21	17	21	19	17	22	9.5	20	
4	18	6.5	18	4	18	3	18	4	18	2	18	3	18	4.5	19	10.5	19	8.5	19	12	18	17	18	14	18	
5	18	15	18	20	18	19	18	19	18	12	18	14	17	13	17	18	17	13	17	14	17	14	18	14	18	
6	18	15	18	16	18	16	18	19	18	18	19	18	19	20	19	19	19	18	19	16	20	19	20	15	20	
7	17	13	16	8.5	15	6.5	16	12	16	14	16	16	17	12	17	12	18	17	19	17	19	22	18	20	19	
8	20	22	19	21	18	20	18	20	18	28	18	20	19	19	20	14	19	18	20	17	20	21	21	17	19	
9	23	8.5	24	7.5	24	11	23	9.5	23	11	23	11	23	11	22	12	22	12	22	9.5	20	13	21	12	21	
10	23	14	23	17	23	24	23	21	24	19	24	19	24	15	25	13	24	8.5	23	8.5	24	9.5	26	11	25	
11	18	11	20	12	20	12	20	13	19	16	19	17	19	17	19	16	20	17	21	18	20	21	21	18	20	
12	22	15	22	10.5	19	8.5	22	7.5	20	11	22	11	20	10.5	23	10.5	23	10.5	24	8.5	24	10.5	23	12	24	
13	22	18	23	20	24	20	24	15	24	10.5	24	8.5	24	9.5	24	8.5	24	7.5	23	7.5	23	9.5	24	9.5	23	
14	24	11	26	13	26	9.5	27	9.5	27	9.5	26	6.5	28	8.5	31	7.5	28	3	28	4	27	3	27	4	27	
15	14	26	15	19	17	19	18	12	19	9.5	19	7.5	20	5.5	20	9.5	22	6.5	21	8.5	20	9.5	20	11	21	
16	1	6.5	32	6.5	32	5.5	1	8.5	3	14	3	17	3	14	5	12	4	10.5	4	12	3	14	3	12	3	
17	2	2	2	3	2	2	2	3	2	3	1	3	1	4.5	1	4.5	1	4.5	1	5.5	1	4	1	5.5	22	
18	16	23	17	24	17	25	15	30	15	29	16	28	16	24	17	19	17	20	17	22	17	22	20	20	20	
19	20	27	21	24	20	23	21	24	21	26	21	25	20	23	21	19	21	23	20	19	20	23	21	22	21	
20	18	10.5	19	11	19	11	20	11	20	10.5	19	10.5	19	11	18	9.5	18	10.5	19	9.5	20	10.5	19	11	19	
21	21	6.5	25	7.5	27	4	27	3	27	4.5	27	4	27	3	21	3	17	5.5	19	6.5	18	8.5	18	5.5	17	
22	18	4.5	18	4.5	9	8.5	9	9.5	9	9.5	9	10.5	9	10.5	9	7.5	7	6.5	10	8.5	---	---	*	*	---	
23	---	---	---	---	---	---	---	---	---	*	*	---	---	---	---	---	---	---	---	---	16	*	16	14	16	
24	20	8.5	20	6.5	21	5.5	26	8.5	23	7.5	24	10.5	28	12	28	14	29	15	29	18	29	20	30	18	29	
25	20	9.5	22	8.5	22	10.5	21	11	24	9.5	27	7.5	27	8.5	24	6.5	23	8.5	22	8.5	21	12	24	9.5	23	
26	20	8.5	20	8.5	20	8.5	18	6.5	18	7.5	18	6.5	18	5.5	18	3	18	5.5	18	4	18	3	18	4	18	
27	17	2	16	2	10	4	2	2	2	2	2	1.5	2	1.5	2	1.5	2	1.5	2	2	2	2	2	3	3	
28	3	12	3	12	3	10.5	2	7.5	2	5.5	1	5.5	1	6.5	1	5.5	1	6.5	2	6.5	2	9.5	2	6.5	2	
29	2	3	2	3	2	4	2	4	2	2	1	3	1	3	1	3	1	3	1	2	1	5.5	1	6.5	32	
30	20	6.5	20	7.5	20	6.5	20	6.5	20	6.5	19	8.5	19	6.5	19	5.5	19	5.5	19	7.5	19	8.5	20	7.5	20	
31	28	8.5	28	6.5	25	6.5	26	5.5	21	7.5	25	7.5	19	5.5	18	7.5	19	8.5	18	11	19	14	21	7.5	20	

RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.040	.020	.030	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.005	.035	.010	.	.010	.	.	.	.	.	.	.	.	.	.	.	.010
4	.	.	.030	.030	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.010	.	.020	.020	.010	.010	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.010	.020	.	.005	.015	.	.005	.	.005	.	.	.	.	.	.	.	.	.005
7	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.005	.020	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.005	.	.005	.	.	.	.	.	.	.
13	.	.	-	.010	.010	.	.010	.010	.020	.010	.010	.	.	.	.015	.005	.005	.	.	.005	.	.005	.	.
14	.	.	.	.005	.	.010	.020	.020	.	.005	.	.	.010	.010	.010	.020	.	.	.010	.010	.040	.050	.090	.060
15	.030	.	.	.005	.005	.015	.005	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.010	.030	.070
16	.020	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.010	.040	.070	.020	.	.	.	.030	.010	.	.005	.005	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.	.	.010	.005	.005	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.110	.060	.010	.020	.005	.020	.010	.045	.060	.110	.120	.150	.060	.010	.010	.	.040	.010	.	.	.
23	.005	.	.	.	.	.005	.	.	.	.	.	.	.030	.060	.060	.030	.020	.010	.	.	.	.	.	.
24	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	Melted		Snow		=	.040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.....	do.	.....	.....	do.	.....	=	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.....	do.	.....	.....	do.	.....	=	.017	.	.	.	.	.	.	.	.	.	.	.	.	.030	.020
28	.010	.010	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.....	.....	Melted		Snow		=	.016	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

* Record defective or Instrument out of action † Obtained from reading of Standard ‡ Approximate.

HOURLY VALUES DECEMBER 1880.

AND VELOCITY IN MILES PER HOUR.

3		4		5		6		7		8		9		10		11		MIDT.		DAYS
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	
10.5	25	6.5	21	5.5	22	5.5	22	6.5	20	7.5	19	8.5	20	11	17	6.5	18	7.5	18	7.5	1
3	18	3	18	4	14	7.5	14	13	13	12	12	9.5	14	16	14	17	14	16	14	12	2
10.5	18	7.5	19	8.5	19	11	20	8.5	20	8.5	19	7.5	18	7.5	17	8.5	18	7.5	18	5.5	3
16	18	14	17	12	15	13	16	9.5	16	16	16	15	16	15	16	14	17	16	17	13	4
21	19	25	19	22	19	19	20	14	19	10.5	20	10.5	20	11	19	11	19	17	19	17	5
9.5	21	8.5	21	6.5	19	4	19	3	19	4	19	2	17	5.5	17	4	17	4	17	2	6
19	20	15	20	13	19	16	19	19	19	21	19	21	19	18	19	21	19	25	20	21	7
20	19	17	20	18	20	20	20	19	20	22	20	18	20	17	21	11	24	12	23	10.5	8
12	22	13	22	14	21	12	22	15	22	19	22	18	23	15	22	16	23	17	23	15	9
9.5	25	12	26	9.5	23	9.5	24	8.5	25	9.5	24	6.5	24	9.5	22	9.5	22	7.5	20	6.5	10
16	21	15	20	15	21	15	23	17	24	19	23	19	22	17	22	13	22	12	23	12	11
13	21	12	21	14	20	16	21	15	21	20	21	17	21	20	21	23	22	15	22	20	12
9.5	24	8.5	24	7.5	23	8.5	24	8.5	24	11	24	11	26	12	27	11	27	10.5	25	9.5	13
3	18	4	18	4	15	5.5	13	5.5	13	5.5	12	7.5	14	9.5	13	14	12	21	13	23	14
13	20	13	20	13	20	11	20	10.5	20	12	20	10.5	20	9.5	21	5.5	21	5.5	1	4.5	15
9.5	3	7.5	3	4.5	2	4.5	2	5.5	2	4.5	2	3	2	4	2	3	2	3	2	3	16
4.5	19	4	19	4	19	4.5	18	6.5	18	7.5	16	6.5	16	11	16	14	16	16	16	19	17
21	19	23	19	22	20	28	18	28	19	29	18	28	21	27	21	26	21	24	20	27	18
19	20	19	21	18	21	20	19	16	20	17	18	14	19	17	20	15	20	13	18	12	19
12	19	13	19	11	19	13	18	9.5	18	14	20	10.5	20	12	20	10.5	20	9.5	20	7.5	20
7.5	19	6.5	20	4.5	18	7.5	18	4	18	4	18	3	18	4.5	18	3	18	3	18	3	21
									*	*											22
12	18	12	19	9.5	20	9.5	19	6.5	20	5.5	20	8.5	20	8.5	20	7.5	20	9.5	21	7.5	23
16	29	13	27	10.5	28	11	26	11	26	7.5	26	8.5	24	8.5	24	8.5	23	10.5	22	8.5	24
8.5	21	6.5	22	8.5	20	7.5	20	7.5	19	7.5	20	8.5	20	8.5	20	7.5	20	8.5	22	6.5	25
6.5	18	5.5	18	6.5	17	4.5	17	3	17	2	17	2	17	2	17	3	17	2	17	1.5	26
4.5	3	4.5	3	4	3	4	3	5.5	3	7.5	4	9.5	3	11	4	10.5	4	11	3	12	27
8.5	2	7.5	2	6.5	1	7.5	2	6.5	2	4.5	2	4.5	2	4.5	2	4.5	2	4	2	4.5	28
8.5	32	9.5	31	9.5	31	9.5	30	7.5	29	6.5	27	5.5	26	5.5	26	4	20	5.5	20	5.5	29
4.5	20	4.5	20	4	20	4	20	6.5	20	6.5	20	4.5	32	6.5	32	4	29	4	26	8.6	30
10.5	20	10.5	20	9.5	20	10.5	20	9.5	19	11	18	10.5	19	14	19	13	19	12	20	14	31

VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
.264	.266	.273	.287	.297	.307	.318	.276	.280	.276	.286	.288	.280	.271	.254	.239	.245	.233	.218	.215	.207	.203	.204	1
.202	.202	.193	.188	.188	.183	.176	.184	.203	.210	.225	.228	.225	.225	.212	.202	.213	.226	.237	.253	.264	.266	.266	2
.296	.300	.305	.304	.306	.299	.296	.303	.310	.325	.300	.307	.307	.290	.276	.257	.254	.250	.243	.242	.226	.231	.234	3
.258	.246	.244	.253	.255	.253	.318	.330	.329	.341	.328	.327	.316	.295	.289	.278	.279	.287	.266	.265	.256	.265	.270	4
.278	.287	.287	.300	.298	.307	.318	.322	.337	.340	.351	.364	.377	.380	.389	.391	.390	.394	.397	.397	.394	.396	.397	5
.388	.388	.390	.388	.380	.385	.375	.375	.371	.374	.378	.381	.381	.383	.375	.368	.366	.361	.341	.322	.301	.273	.259	6
.284	.315	.318	.327	.330	.338	.348	.351	.337	.317	.305	.299	.283	.285	.277	.272	.270	.270	.272	.266	.263	.261	.261	7
.256	.255	.258	.256	.260	.270	.270	.270	.281	.280	.292	.297	.301	.294	.300	.306	.316	.327	.336	.337	.349	.336	.300	8
.308	.294	.289	.296	.299	.281	.275	.279	.277	.282	.286	.285	.282	.286	.304	.322	.334	.325	.327	.336	.343	.343	.345	9
.360	.348	.350	.348	.343	.337	.285	.268	.267	.279	.259	.255	.256	.261	.240	.248	.245	.248	.256	.250	.248	.249	.265	10
.245	.253	.251	.239	.242	.251	.277	.305	.318	.321	.325	.323	.326	.326	.322	.321	.297	.277	.259	.247	.249	.242	.236	11
.234	.227	.232	.233	.238	.230	.227	.231	.240	.243	.244	.254	.269	.270	.275	.289	.296	.291	.306	.299	.284	.285	.301	12
.315	.324	.328	.324	.310	.312	.313	.314	.313	.309	.310	.308	.303	.300	.304	.303	.298	.302	.297	.281	.268	.256	.258	13
.217	.220	.228	.220	.226	.218	.208	.209	.215	.219	.219	.206	.203	.198	.188	.190	.185	.185	.191	.197	.198	.208	.212	14
.249	.265	.274	.284	.293	.295	.298	.295	.281	.286	.283	.289	.284	.283	.283	.280	.284	.275	.279	.270	.272	.273	.239	15
.219	.204	.205	.210	.203	.198	.191	.192	.183	.182	.175	.167	.172	.175	.178	.163	.154	.151	.148	.147	.154	*	.160	16
.143	.144	.132	.132	.137	.125	.125	.132	.126	.145	.152	.166	.169	.168	.165	.154	.152	*	*	.141	.138	*	*	17
---	*	---	---	.173	.184	.188	.199	.198	.204	.208	.205	.175	.174	.172	.175	.165	.157	---	---	*	---	---	18
.145	.130	.122	.129	.157	.137	.155	.151	.148	---	*	---	.158	.168	---	---	---	*	*	---	---	---	.156	19
*	*	---	.148	.161	.150	.146	.148	.153	.166	.174	.176	.180	.181	.183	.175	.174	.174	.176	.180	.177	.178	.186	20
.186	.172	.173	.167	.188	.181	.164	.151	*	*	.158	.188	.183	.179	.166	.157	.150	.145	*	*	.163	.148	.149	21
.169	*	.196	.209	.208	.207	.216	.223	.235	.243	.248	.252	.261	.275	.298	.327	.344	.337	.340	.335	.342	.333	.310	22
.266	.264	.263	.253	.257	.282	.290	.298	.300	.303	.286	.303	.311	.306	.295	.291	.295	.298	.294	.288	.288	.279	.277	23
.275	.274	.259	.259	.266	.233	.214	.212	.206	.193	.193	.180	.173	.175	.155	.161	---	*	---	.153	.144	.139	.143	24
.142	.146	.157	.153	.149	.148	.168	.157	.153	.158	.164	.178	.174	.177	.172	.176	.168	.161	.168	.170	.172	.161	.159	25
*	.158	.157	.142	.142	.138	.138	.134	.142	.131	.142	.148	.165	*	*	.166	.130	.140	.141	.136	.124	.131	.132	26
.139	.140	.133	.147	.144	.134	.139	.132	.137	.141	.146	.143	.164	.157	.166	.172	---	*	*	---	.180	.184	.180	27
.180	.181	.180	.180	.177	.175	.177	.178	.180	.180	.191	.191	.193	.193	.189	.187	.188	.190	.188	.191	.191	.195	.197	28
.199	.188	.190	.193	.190	.192	.186	.178	.178	.185	.184	.190	.188	.183	.182	.178	.179	.172	.167	.159	.167	.151	.145	29
.140	.140	.139	.144	.143	.142	.136	.133	.144	.151	.161	.172	.176	.172	.171	.167	.163	.165	.162	.175	.179	.169	.153	30
.148	*	.140	.142	.144	.133	.129	.134	.148	.160	*	.179	.177	.183	.184	.182	.184	.185	.189	.187	.193	.200	.205	31

Meteorological Office,
116, Victoria Street, Westminster S W.
ROBERT H. SCOTT, Secretary.

1754

GLASGOW OBSERVATORY LAT: 55° 53′ N. LONG: 4° 18′ W

BAROMETER

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.679	29.666	29.647	29.630	29.611	29.589	29.562	29.554	29.571	29.597	29.595	27.602	29.5
2	·834	·842	·840	·856	·862	·868	·882	·879	·902	·928	·940	·952	·9
3	29·973	29·971	29·953	29·944	29·923	29·909	29·883	29·863	29·859	29·837	29·812	29·796	29·7
4	30·022	30·038	30·051	30·053	30·059	30·079	30·091	30·097	30·107	30·125	30·116	30·122	30·1
5	·086	·087	·076	·063	·065	·047	30·035	30·031	·035	·040	·032	·021	·0
6	·032	·033	·026	·019	·005	·003	29·997	29·997	·007	·017	·028	·034	·0
7	·280	·286	·278	·265	·265	·263	30·269	30·261	·258	·243	·235	·215	·1
8	·187	·181	·179	·185	·161	·147	·143	·133	·119	·117	·078	·057	·0
9	30·038	30·052	30·064	30·067	30·067	30·064	30·059	30·052	30·052	30·044	30·049	30·030	30·0
10	29·898	29·864	29·842	29·815	29·826	29·805	29·845	29·861	29·876	29·899	29·907	29·922	29·9
11	·980	·972	·963	·948	·898	·883	·844	·805	·777	·720	·703	·669	·6
12	·586	·589	·589	·594	·594	·605	·616	·638	·655	·675	·687	·705	·7
13	·555	·565	·551	·547	·563	·559	·561	·570	·577	·599	·601	·604	·5
14	·580	·605	·625	·632	·629	·637	·638	·654	·665	·684	·681	·702	·7
15	·596	·564	·541	·498	·452	·398	·346	·311	·278	·264	·231	·215	·1
16	·240	·269	·298	·327	·353	·381	·412	·453	·479	·518	·542	·568	·5
17	·672	·671	·674	·658	·649	·647	·638	·636	·646	·652	29·649	29·647	29·6
18	29·390	29·359	29·305	29·256	29·210	29·167	29·128	29·093	29·055	29·010	28·965	28·930	28·8
19	28·661	28·647	28·631	28·613	28·611	28·615	28·626	28·657	28·676	28·709	28·730	28·764	28·7
20	29·032	29·056	29·070	29·083	29·090	29·101	29·102	29·122	29·145	29·167	29·174	29·186	29·1
21	·390	·421	·470	·520	·552	·588	·608	·651	·688	·721	·729	·741	·7
22	·726	·713	·688	·670	·638	·614	·598	·571	·551	·546	·526	29·490	29·4
23	29·027	29·031	29·044	29·041	29·034	29·030	29·024	29·014	29·007	29·021	29·005	28·998	28·9
24	28·796	28·787	28·785	28·793	28·785	28·793	28·796	28·813	28·844	28·881	28·895	28·941	28·9
25	29·091	29·087	29·075	29·079	29·105	29·135	29·152	29·168	29·191	29·202	29·210	29·230	29·2
26	·349	·352	·357	·360	·359	·358	·364	·370	·376	·377	·365	·354	·3
27	·236	·228	·222	·213	·206	·206	·210	·220	·240	·272	·278	·294	·2
28	·342	·333	·324	·325	·316	·313	·322	·332	·339	·357	·355	·350	·3
29	29·308	29·298	29·301	29·293	29·282	·279	·273	·260	·261	·254	·232	·203	·1
30	28·934	28·949	28·960	28·978	28·994	·014	·042	·081	·105	·140	·160	·187	·1
31	29·638	29·678	29·704	29·730	29·760	29·790	29·807	29·805	29·819	29·844	29·859	29·870	29·8

DRY BULB THERMOMETER

7 FEET ABOVE GROUND.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	M
1	47.9	47.8	48.0	47.2	46.8	46.4	46.6	46.8	44.7	44.3	44.9	45.4	46.1	45.2	45.3	43.5	43.5	42.8	41.6	40.4	40.0	40.9	40.0	40.0	40
2	41.9	41.6	41.0	38.8	42.2	42.8	41.8	40.6	40.1	40.4	42.2	44.2	44.1	44.5	42.1	40.8	40.9	41.0	40.1	39.0	39.4	38.2	38.2	37.4	41
3	38.7	38.7	39.9	39.3	39.9	40.0	39.7	40.5	39.9	42.8	44.1	45.7	47.9	47.9	46.9	46.8	47.1	47.1	46.8	46.3	46.4	46.0	45.8	45.6	43
4	45.0	45.0	44.9	43.0	42.1	42.9	43.2	43.2	43.8	44.2	44.8	44.3	44.0	44.0	44.1	46.3	47.6	48.4	48.5	48.3	48.1	47.3	47.2	47.0	45
5	46.6	46.9	47.2	46.1	46.3	47.0	47.6	48.0	48.5	48.8	49.3	49.2	50.1	50.4	50.3	50.7	51.1	51.0	51.9	52.2	52.7	52.3	52.3	52.2	49
6	52.3	51.9	52.0	52.0	51.7	52.0	52.3	52.0	52.3	52.2	51.7	51.8	51.6	51.7	51.9	51.7	50.9	49.9	48.5	48.0	46.3	43.7	42.2	40.9	50
7	41.0	40.0	40.8	40.4	40.3	41.4	41.6	41.1	41.9	42.3	43.7	49.6	51.0	51.1	50.5	49.1	48.2	47.6	47.0	46.5	46.2	46.2	45.9	45.9	45
8	45.8	46.0	45.9	46.1	46.2	46.2	46.8	47.1	47.1	47.1	47.3	47.8	48.3	48.8	50.3	48.6	48.2	49.4	50.0	50.2	48.5	47.8	47.9	47.1	47
9	46.8	46.9	46.7	46.4	46.6	47.0	47.4	47.4	47.7	48.0	48.2	48.7	49.0	49.0	48.7	48.5	48.5	48.0	47.5	48.3	49.1	49.4	49.8	50.0	48
10	49.7	50.3	51.1	50.9	51.0	50.9	49.2	48.8	48.6	47.2	47.0	47.8	47.7	47.3	46.9	46.6	46.0	45.9	45.9	46.3	46.0	45.4	46.0	45.3	47
11	45.8	45.7	46.1	46.0	46.3	45.4	46.0	46.2	45.6	46.8	48.9	50.6	49.1	48.9	48.3	47.1	46.8	44.8	43.8	42.4	43.0	41.9	42.9	42.1	45
12	41.1	41.8	41.9	42.6	42.5	42.7	42.1	39.9	41.0	41.6	40.8	43.7	42.3	41.6	41.9	41.2	40.9	41.9	42.9	43.0	42.8	42.2	43.8	44.0	42
13	44.7	43.8	43.0	42.7	42.7	41.1	41.2	41.0	41.9	42.0	41.8	40.8	41.6	40.9	39.8	39.3	37.6	36.4	36.8	37.7	39.8	38.2	37.1	36.4	40
14	36.1	35.2	34.5	33.0	31.7	31.0	31.8	32.0	32.5	33.4	35.2	36.7	37.0	37.9	36.1	36.8	36.4	36.0	36.0	35.5	35.2	35.0	34.7	34.4	34
15	34.0	34.6	32.4	30.2	30.0	29.9	29.8	30.0	30.4	30.8	31.3	31.6	32.2	32.2	32.1	32.3	32.5	32.5	32.7	33.6	34.1	34.9	35.9	35.0	32
16	35.8	36.6	36.8	36.3	35.7	35.1	34.6	33.5	32.5	31.6	32.2	34.6	34.9	34.3	34.3	32.2	32.2	29.8	27.1	26.9	25.9	25.0	23.9	23.1	31
17	20.7	20.7	19.8	20.0	16.9	17.0	18.0	16.0	15.5	17.7	22.6	26.1	27.2	28.6	29.3	29.8	30.0	29.2	29.0	29.3	29.5	29.2	29.8	29.4	24
18	28.2	27.0	29.1	32.6	33.1	34.0	34.9	34.9	35.0	34.9	34.9	34.2	35.0	35.2	34.7	36.6	36.1	36.2	36.3	36.0	35.6	34.8	35.6	34.5	34
19	33.9	36.2	33.2	33.6	33.9	34.0	33.4	35.7	34.0	35.0	35.2	33.9	36.8	38.7	37.9	33.4	34.9	35.0	36.2	37.0	38.3	38.9	38.9	38.8	35
20	37.2	36.0	35.1	34.6	34.7	34.0	33.2	33.6	32.5	32.0	34.0	32.9	34.0	33.2	34.1	35.0	35.1	34.9	34.8	32.9	33.0	33.5	33.6	33.5	34
21	34.0	34.2	35.3	34.3	36.0	32.5	31.5	31.0	30.8	30.9	31.2	31.9	34.0	34.6	34.1	34.1	33.8	34.3	32.9	33.0	32.9	32.0	31.5	31.5	33
22	31.1	31.2	31.0	30.8	30.9	30.9	30.4	30.3	30.5	30.9	31.1	31.1	32.0	32.1	32.0	32.5	32.8	32.8	33.0	33.0	33.2	33.3	33.1	33.6	31
23	34.0	34.5	33.5	33.6	33.7	34.1	34.1	38.6	40.8	41.2	42.6	43.2	43.5	44.2	44.1	44.0	43.4	42.9	40.7	40.2	40.9	40.0	39.8	39.0	39
24	38.1	38.0	37.9	37.9	37.8	37.9	38.3	38.0	38.1	39.7	39.4	38.9	39.0	38.0	36.6	34.9	34.0	34.0	32.8	32.8	31.7	30.1	31.9	31.7	36
25	32.0	31.6	31.4	32.1	31.8	31.2	32.9	31.9	31.4	33.0	34.3	34.5	35.4	36.8	36.9	34.8	33.9	33.7	32.6	31.0	32.1	31.9	31.8	31.5	32
26	30.9	32.3	31.4	31.3	30.8	28.4	28.8	27.9	29.4	29.3	29.0	31.2	32.1	33.4	33.9	34.6	33.4	33.4	33.6	33.0	33.6	33.0	32.7	31.3	31
27	32.2	32.0	32.8	32.4	32.8	31.9	31.8	32.0	32.2	31.0	31.7	32.1	32.9	32.9	33.1	32.8	32.3	32.4	32.4	31.1	29.7	30.3	30.6	31.1	31
28	32.0	32.3	33.9	33.1	33.9	34.7	35.0	35.1	35.5	35.4	35.9	36.4	36.9	36.8	36.3	36.2	36.4	35.8	35.8	36.0	35.8	36.1	35.4	35.3	35
29	36.1	35.6	35.1	34.9	35.2	34.9	35.4	35.3	35.2	35.9	35.8	36.3	36.2	36.1	35.7	36.0	36.0	36.0	35.3	35.1	35.0	35.1	35.2	34.1	35
30	35.1	35.3	35.9	34.3	34.7	34.8	34.9	34.2	33.6	33.9	34.7	35.5	37.0	37.3	36.7	36.8	36.8	35.5	35.6	35.9	33.6	33.1	32.8	32.6	35
31	31.5	33.0	30.3	28.0	27.1	27.7	29.1	29.0	30.7	31.7	33.4	34.0	36.1	36.8	35.9	35.9	36.5	37.0	37.2	38.0	37.9	37.0	37.6	37.9	38

* Record defective or Instrument out of action † Reading of Standard ‡ Approximate

HOURLY VALUES DECEMBER 1880.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS
612	29.619	29.636	29.656	29.690	29.700	29.732	29.757	29.788	29.807	29.828	29.655	1
965	.962	.967	.959	.966	.977	.997	.993	.997	.990	29.983	29.929	2
819	29.817	29.845	29.875	29.901	29.913	29.931	29.953	29.977	29.982	30.005	29.897	3
115	30.118	30.122	30.127	30.129	30.127	30.135	30.115	30.108	30.099	.105	30.099	4
982	29.984	29.984	29.985	29.994	29.993	29.999	.017	.030	.040	.046	30.028	5
063	30.087	30.118	30.143	20.159	30.189	30.203	.221	.241	.263	.284	30.092	6
205	30.205	30.211	30.203	30.213	30.217	30.216	30.214	30.216	.211	.209	30.235	7
989	29.974	29.992	29.980	29.978	29.970	29.973	29.982	29.992	30.003	30.021	30.066	8
029	30.012	30.005	30.003	.998	.994	.995	29.975	.980	29.948	29.919	30.022	9
925	29.936	29.947	29.957	.996	.994	.997	30.010	.998	.998	.990	29.918	10
657	.625	.619	.629	.633	.627	.627	29.611	.605	.614	.605	29.737	11
707	.707	.693	.667	.641	.587	.559	.551	.537	.565	.550	29.626	12
603	.602	.608	.603	.594	.549	.537	.524	.539	.547	.568	29.572	13
716	.714	.728	.736	.756	.744	.737	.732	.708	.669	.640	29.680	14
159	.137	.129	.116	.111	.113	.145	.156	.175	.194	.216	29.272	15
582	.594	.616	.628	.651	.658	.672	.675	.686	.691	.683	29.523	16
621	29.596	29.581	29.577	29.572	29.549	29.633	29.502	29.479	29.449	29.429	29.598	17
841	28.825	28.817	28.803	28.791	28.775	28.753	28.733	28.688	28.661	28.659	28.961	18
765	28.804	28.820	28.850	28.868	28.891	28.913	28.918	28.969	28.999	29.024	28.772	19
196	29.187	29.198	29.199	29.216	29.234	29.260	29.269	29.300	29.320	.346	29.176	20
759	.752	.755	.746	.744	.748	.757	.750	.751	.744	.734	29.670	21
436	29.386	29.372	29.336	29.295	29.241	29.202	29.156	29.116	29.071	29.048	29.436	22
976	28.957	28.935	28.912	28.885	28.863	28.849	28.829	28.820	28.811	28.799	28.954	23
016	29.036	29.063	29.075	29.101	29.100	29.127	29.123	29.126	29.119	29.095	28.953	24
242	.254	.272	.290	.308	.326	.337	.346	.363	.358	.358	29.226	25
318	.298	.289	.286	.279	.268	.268	.266	.257	.256	.250	29.321	26
305	.309	.319	.327	.348	.351	.363	.364	.373	.365	.354	29.287	27
341	.336	.340	.340	.340	29.338	29.335	29.327	29.322	29.324	29.318	29.334	28
135	.101	.067	.036	.013	28.999	28.978	28.960	28.954	28.943	28.938	29.147	29
233	.258	.302	.324	.372	29.398	29.452	29.495	29.544	29.573	29.610	29.221	30
892	29.894	29.911	29.910	29.928	29.936	29.954	29.952	29.956	29.950	29.946	29.850	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
45.1	45.1	44.8	44.9	45.1	45.6	45.8	43.5	43.2	43.5	43.8	44.2	43.8	43.1	41.2	40.8	40.2	39.3	39.0	38.1	38.2	38.0	38.0	42.5	1
38.6	38.7	37.2	39.9	40.8	40.2	39.2	39.0	39.1	40.0	41.4	41.2	41.6	40.3	39.0	39.6	39.5	39.0	38.0	38.6	37.4	37.6	36.7	39.2	2
37.5	38.5	38.4	38.8	38.8	38.6	38.9	38.8	41.5	43.4	45.0	46.8	45.5	44.6	44.8	44.9	45.0	44.8	44.7	46.9	44.8	44.3	44.3	42.3	3
44.0	43.9	42.3	41.8	42.2	42.7	42.2	42.1	42.5	42.9	43.1	43.4	43.5	43.6	45.9	46.8	47.2	47.1	46.9	46.6	45.7	45.1	45.0	44.2	4
45.0	45.1	44.9	45.4	45.9	46.1	46.3	46.8	47.1	47.5	48.0	48.9	49.2	49.6	49.9	50.3	50.4	51.1	51.5	51.1	51.1	51.9	51.9	48.4	5
51.6	51.6	51.7	51.4	51.5	51.9	51.6	51.8	51.8	51.0	51.2	50.8	50.3	50.2	49.8	49.1	48.3	46.5	46.0	44.9	42.7	41.6	40.3	49.1	6
39.7	40.5	40.1	40.0	41.0	41.1	40.8	41.3	41.8	43.0	48.8	50.0	49.9	48.7	47.2	46.4	45.9	45.0	40.1	44.0	44.1	44.0	43.9	43.8	7
43.8	43.9	43.9	43.9	43.9	44.0	44.3	44.8	45.0	45.2	45.5	45.8	46.1	46.8	47.0	47.0	48.4	48.9	49.1	46.5	46.5	45.3	44.4	45.6	8
43.4	43.6	43.7	43.8	44.2	43.9	43.8	44.2	44.7	45.1	45.6	46.0	46.0	46.1	45.9	45.8	45.3	46.4	47.4	47.9	48.0	48.0	48.2	45.4	9
48.9	48.5	48.4	48.9	48.8	45.0	43.2	43.5	43.1	41.8	43.0	42.5	42.9	41.9	42.0	42.9	42.5	42.6	42.7	42.7	41.8	42.6	41.5	44.2	10
41.8	41.8	43.0	43.0	43.2	43.2	43.7	44.1	45.5	47.8	49.0	46.4	47.5	46.8	45.2	42.2	41.3	39.3	40.2	39.9	39.2	39.5	39.6	43.2	11
39.5	39.3	39.6	39.1	38.9	38.4	38.0	38.5	38.7	38.9	39.6	39.3	39.5	39.5	39.0	39.7	40.8	41.9	42.0	41.8	41.2	42.2	42.9	39.9	12
42.5	41.9	40.9	40.8	39.8	39.7	39.1	39.6	39.0	39.8	38.7	38.9	37.9	37.0	36.3	35.3	34.8	35.1	36.3	37.5	35.0	33.7	32.7	38.1	13
31.0	*	30.2	29.1	29.3	29.2	29.1	29.1	29.9	31.1	32.2	*	33.9	33.5	34.0	33.3	32.3	31.8	31.2	30.9	30.8	30.7	30.5	31.2	14
30.1	30.1	30.0	29.8	29.7	29.3	29.5	30.0	30.1	30.6	31.0	31.5	31.4	31.3	31.8	31.9	32.0	32.0	*	33.0	33.3	34.1	33.9	31.3	15
33.9	33.9	.....	.....	*	*	.....	.....	.....	*	30.6	31.0	31.0	31.9	31.1	31.3	29.0	26.7	26.3	25.5	24.8	23.3	22.8	29.6	16
20.4	19.4	19.8	16.8	16.8	17.7	15.7	15.3	17.4	22.3	25.9	26.9	28.4	29.1	29.5	29.5	28.9	28.8	29.0	29.0	28.9	29.2	29.0	23.9	17
26.8	28.9	32.2	32.7	33.7	34.1	33.9	34.8	34.6	34.8	34.0	33.3	34.1	33.9	34.3	33.3	33.0	33.4	33.1	33.2	33.0	33.6	33.4	32.9	18
33.3	32.8	33.0	33.2	33.2	33.1	34.8	33.7	34.9	35.2	33.9	36.7	38.6	36.9	33.4	34.9	35.0	34.8	35.9	36.9	37.0	37.0	36.6	34.9	19
34.9	34.0	33.9	33.9	33.2	32.5	33.0	31.9	31.9	33.0	32.2	33.0	32.5	33.6	34.4	34.6	34.2	34.0	32.3	32.6	33.0	33.0	33.0	33.4	20
33.1	33.1	32.9	33.2	31.3	30.7	*	29.9	30.0	*	30.3	*	.....	.....	*	.....	32.6	*	.....	*	.....	*	31.0	31.7	21
30.5	30.5	30.2	30.2	30.1	29.9	29.9	30.0	30.4	30.6	30.6	31.5	31.9	*	32.0	32.3	32.4	32.8	32.8	32.9	33.0	33.0	33.3	31.4	22
34.0	33.1	33.2	33.4	34.0	33.9	38.1	40.1	40.6	41.9	42.6	43.0	43.4	43.5	43.4	42.9	42.2	40.5	39.9	40.5	39.7	39.3	38.9	39.0	23
37.8	37.7	37.7	37.7	37.6	37.6	38.3	37.9	37.2	36.8	36.1	35.3	35.2	34.5	32.8	33.1	*	31.1	*	28.9	28.6	28.0	29.0	30.5	34.2	24
30.1	30.4	30.3	30.0	29.2	29.5	29.2	29.1	29.9	30.9	.....	.....	*	.....	.....	.....	30.6	30.7	29.5	30.6	30.9	31.0	30.9	30.7	25
32.0	31.1	31.0	30.3	28.2	28.5	27.6	29.0	29.1	28.9	31.0	32.0	33.1	33.8	34.3	33.3	33.3	32.7	32.2	32.6	32.2	31.9	30.8	31.2	26
31.2	31.9	31.6	32.0	*	31.1	31.2	31.1	30.3	*	31.2	31.7	31.8	31.8	31.6	31.1	31.0	30.9	29.9	28.6	29.3	29.7	30.3	30.9	27
31.3	.....	*	.....	33.0	33.3	33.5	33.9	34.0	34.3	34.9	34.8	35.0	34.9	34.8	34.9	34.6	34.5	34.5	34.2	34.3	34.0	34.0	33.8	28
34.1	34.0	33.8	34.0	33.8	33.8	33.8	33.8	33.8	33.9	33.9	35.1	34.3	34.5	34.0	33.5	33.0	33.5	33.1	32.8	32.8	33.4	33.0	33.8	29
33.2	33.3	32.1	32.0	32.1	32.1	32.0	32.0	32.5	33.6	34.0	35.0	35.8	35.2	34.5	34.0	33.0	33.3	32.5	33.0	32.6	32.6	32.4	33.2	30
30.4	29.0	26.9	*	26.2	27.0	27.2	29.1	31.0	32.0	*	*	33.6	34.2	34.6	34.9	34.9	35.2	36.2	36.5	36.2	36.9	37.1	32.2	31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

GLASGOW OBSERVATORY LAT: 55° 53' N. LONG: 4° 18' W.

WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D
1	18	28	18	27	18	26	18	23	19	21	19	21	19	24	19	22	24	12	23	13	22	13	22	20	22
2	24	17	25	17	24	14	23	7.5	22	13	22	12	24	10.5	23	9.5	20	8.5	23	5.5	24	6.5	20	6.5	21
3	9	4	9	6.5	10	5.5	9	7.5	7	6.5	8	5.5	7	8.5	7	8.5	2	6.5	12	7.5	16	12	19	21	21
4	20	9.5	21	10.5	20	6.5	20	4.5	20	5.5	21	6.5	20	4.5	18	4.5	19	4	19	4.5	19	4.5	19	3	19
5	19	6.5	21	6.5	20	12	18	6.5	20	7.5	19	11	19	14	19	20	19	18	19	22	19	18	19	11	19
6	19	16	21	11	20	14	19	16	19	18	19	20	19	22	19	22	19	19	19	18	21	14	22	9.5	22
7	27	4.5	31	4	26	4	17	3	17	3	17	4	17	3	17	3	29	4	2	5.5	2	5.5	20	16	18
8	20	21	19	19	21	20	20	16	17	14	19	20	18	20	19	22	19	28	20	24	20	27	19	30	19
9	23	24	25	19	25	19	24	14	21	12	21	19	21	21	23	24	23	20	22	22	22	24	24	21	23
10	22	30	23	32	24	32	23	38	22	38	23	33	25	25	26	27	22	33	22	29	23	29	23	35	23
11	22	8.5	21	14	20	17	20	18	20	21	19	18	19	16	19	17	19	20	20	27	21	30	22	38	23
12	23	26	24	29	25	28	25	25	25	27	25	26	24	22	26	24	25	23	25	27	26	27	25	22	26
13	22	17	22	10.5	22	14	22	17	25	18	25	21	25	17	25	19	25	21	25	16	23	14	24	18	24
14	28	21	28	19	26	13	26	14	24	13	24	13	24	10.5	22	10.5	22	13	21	17	25	18	26	15	24
15	10	12	8	14	10	16	8	15	6	12	5	16	5	14	5	14	6	11	6	10.5	6	8.5	6	8.5	6
16	4	14	3	11	5	13	4	13	4	13	2	15	3	7.5	1	6.5	1	4.5	1	3	1	3	2	8.5	2
17	1	3	1	4	1	2	1	3	1	3	1	2	1	4	1	4.5	1	5.5	1	4.5	1	4.5	1	3	1
18	5	7.5	5	8.5	6	8.5	14	15	13	16	13	22	13	22	13	22	12	23	11	22	12	17	13	21	11
19	19	37	19	39	19	36	19	32	19	40	20	37	19	36	22	36	22	33	22	33	22	32	23	33	22
20	22	7.5	22	8.5	22	5.5	22	4.5	22	5.5	22	4.5	22	4.5	22	4.5	30	5.5	30	4.5	4	5.5	4	5.5	4
21	2	4	2	4	5	6.5	4	8.5	32	7.5	30	4.5	26	6.5	26	5.5	26	4.5	26	4	26	3	26	4	26
22	6	10.5	6	11	6	13	6	13	6	13	6	12	5	16	5	15	5	18	5	17	5	16	5	18	5
23	5	9.5	31	4.5	26	5.5	26	4	26	3	30	4.5	32	4.5	19	8.5	17	18	18	19	20	25	20	19	19
24	7	3	7	4	7	3	7	5.5	7	4	7	4	7	5.5	7	7.5	26	11	28	16	30	19	29	24	29
25	21	6.5	20	5.5	20	6.5	25	12	26	9.5	27	9.5	28	9.5	25	13	20	11	25	18	25	18	26	19	24
26	21	12	21	11	22	11	22	10.5	22	8.5	22	7.5	22	6.5	22	6.5	22	4	22	4.5	22	3	22	3	22
27	18	3	18	4.5	18	5.5	18	4.5	18	4.5	18	5.5	18	5.5	18	4.5	6	9.5	6	7.5	6	7.5	6	8.5	6
28	6	6.5	6	8.5	6	14	5	12	4	8.5	4	11	3	7.5	3	10.5	3	10.5	4	5.5	4	6.5	4	11	4
29	4	6.5	4	8.5	4	7.5	4	4.5	4	4.5	4	4	4	6.5	4	5.5	4	4	4	7.5	4	4.5	4	7.5	4
30	27	16	27	9.5	26	9.5	25	10.5	25	12	26	15	26	11	26	8.5	24	6.5	23	8.5	23	8.5	23	10.5	25
31	29	5.5	29	7.5	29	4	27	5.5	27	4.6	27	7.5	25	7.5	21	9.5	21	13	21	10.5	23	13	23	14	22

RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.001	.040	.070	.003	.	,	.	.	.	.	.	,	,	,	.	.	.
2	.	.	.	.	.005	.007	.006	.	.	,	,	,	,	.	.	.	.	.	,	,	,	.	.	.
3	.	.	.010	.013	.007	.010	.021	.002	.001	.	.026	.028	.	.003	.001	.001	.002	.	,	,	,	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	,	,	,	.	.001	.001	.002
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.020	.070	.043	.046	.	.	.	.	.	.060	.041	.047
6	.012	.001	.001	.001	.001	.002	.004	.001	,	.005	.040	.019	,	,	,	,	,	,	,	,	,	,	,	,	,
7	,	.001	.	,	.001	.001	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
8	.	.	.	.	,	,	,	,	,	,	,	,	,	,	,	.024	.086	.011	.008	.001	,	,	,	,	,
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.010	.	.	.080	.001	.004	.044	.001	.	.011	.002	.	.	.	.022	
12	.002	.003	.048	.022	.002	.	.018	.024	.001	.	.010	.	.	.001	.001	.001	.007	.040	.081	.099	.031	.	.	.001	
13	.	.008	.020	.	.	.002	,	,	,	.	.001	,	,	,	,	,	,	,	.	.017	.003	.	.	.001	
14	.002	.001	.004	.001	.	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	
15	-------	-------	---	Melted Snow = .260	------								.	.	.	.005	.005	.001	.008	.	.	.001	.005	.005	.001	.019
16	.001	.	.	.001	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	
17	.	.	.	.	.	.	.	.	.	.	.	.	.	,	,	,	,	,	,	,	,	.001	.	.001	.001
18	.001	.	.001	.001	.001	.	.	.	.025	.006	.	.	.	.028	.032	.	,	,	.	.001	.009	.006	.005	.018	
19	.011	.002	.008	.040	.049	.043	.051	.137	.133	.089	.018	.040	.003	,	.004	.093	,	,	.	,	,	,	,	,	
20	,	,	,	,	,	,	,	,	,	----	----	----	----	----	----	----	*	*	----	----	----	----	----	----	----
21	------	------	Melted Snow and Rain = .228	------									,	,	,	,	,	,	,	,	,	,	Snowing		
22	------	------	------	Melted Snow = .101	------								.	.	.	.	.	.	,	,	,	.008	.025	.059	
23	.088	.060	.047	.023	.017	.019	.004	.063	.107	.072	.008	.011	.029	.001	.	.	.	.	.089	.150	.155	.140	.037	.	
24	.	.	.	.	.	.010	.001	.007	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.002	.001	
25	.001	.001	.001	.	.	.001	.	.	.	.002	.	.	.001	.	.	.	.	.001	.001	.	.001	.001	.	.001	
26	.001	.	.	.	.	.001	,	,	,	,	,	,	,	,	,	,	,	,	.002	.002	.	.	.	.001	
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	,	,	,	,	.	.	
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.002	.	.	.	.	.001	.	
29	.001	.001	.001	.001	.001	.	.001	.	.	.001	,	,	,	,	,	,	,	,	,	,	,	,	,	.	
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
31	------	------	Melted Snow = .011	------									.	.	.	.	.	.	.	.	.	.	.	.	

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate.

HOURLY VALUES DECEMBER 1880.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS.
V		D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
12		25	15	24	20	25	23	24	15	21	12	24	10.5	25	5.5	26	6.5	21	8.5	22	11	1
9.5		22	5.5	22	4.5	22	4	26	3	26	1.5	19	2	19	3	19	4	19	4.5	19	4	2
17		22	15	21	10.5	20	15	21	18	22	14	21	16	21	10.5	20	9.5	20	7.5	18	6.5	3
4		19	4	19	6.5	21	9.5	19	10.5	17	7.5	17	7.5	18	12	18	12	20	9.5	19	8.5	4
20		21	15	21	16	19	22	20	17	19	17	21	10.5	19	15	20	17	19	16	19	15	5
10.5		23	10.5	20	7.5	22	9.5	24	11	20	10.5	23	8.5	20	5.5	20	4	23	4	23	4.5	6
23		20	19	21	14	20	22	20	20	20	21	20	17	19	17	20	21	20	18	19	18	7
30		21	30	21	20	20	22	21	28	21	24	22	22	22	18	23	26	24	22	23	26	8
17		22	21	21	23	23	23	22	24	21	19	22	22	23	19	18	13	22	22	22	30	9
36		25	31	24	30	24	21	24	17	24	16	23	18	22	5.5	25	6.5	24	4.5	28	5.5	10
28		21	25	24	23	24	22	23	25	22	22	23	27	23	24	23	25	23	30	24	25	11
18		21	17	21	14	19	12	21	8.5	21	9.5	26	6.5	26	4.5	21	14	21	15	21	16	12
20		25	17	25	15	22	9.5	22	8.5	20	16	23	20	26	30	26	29	26	24	27	23	13
9.5		26	4.5	26	4.5	3	7.5	9	13	10	10.5	9	8.5	11	8.5	11	10.5	10	13	9	11	14
5.5		6	5.5	6	4.5	6	6.5	6	8.5	3	6.5	3	5.5	3	4	3	4.5	3	13	4	14	15
10.5		2	10.5	1	4	1	4	1	4	1	4	1	4.5	1	3	1	3	1	3	1	4	16
4		1	6.5	4	8.5	5	3.5	5	6.5	5	7.5	5	7.5	5	6.5	5	9.5	5	9.5	5	7.5	17
19		20	4	19	22	19	24	18	23	17	26	17	30	17	32	17	41	18	34	19	38	18
38		25	31	23	23	22	22	20	25	22	20	22	21	22	17	32	5.5	22	10.5	23	10.5	19
5.5		29	4	29	4	29	4	3	5.5	3	8.5	4	11	5	10.5	5	9.5	5	4	4	4	20
4		26	6.5	17	5.5	17	4.5	17	5.5	17	4.5	17	5.5	17	7.5	6	10.5	6	10.5	6	8.5	21
17		5	18	5	18	6	16	6	16	5	18	6	15	5	17	5	16	5	17	5	13	22
18		18	16	19	11	17	6.5	7	6.5	7	5.5	7	5.5	7	4.5	7	4	7	3	7	4	23
16		28	21	27	13	24	12	26	23	26	16	28	16	25	14	24	10.5	23	12	23	11	24
16		27	17	25	15	25	14	25	15	22	7.5	18	6.5	18	8.5	21	8.5	21	6.5	21	6.5	25
9.5		21	7.5	18	13	18	8.5	18	6.5	18	4	18	3	18	4	18	3	18	2	18	4	26
6.5		6	6.5	6	6.5	6	6.5	6	8.5	6	10.5	6	8.5	6	9.5	6	10.5	6	11	6	6.5	27
10.5		4	8.5	4	7.5	4	6.5	4	9.5	4	7.5	4	7.5	4	7.5	4	9.5	4	6.5	4	5.5	28
9.5		3	8.5	3	7.5	2	11	3	15	2	13	32	13	31	11	30	9.5	29	14	28	14	29
4.5		25	5.5	25	5.5	25	4	25	4.5	25	4.5	29	4.5	29	4.5	29	5.5	29	4	29	4.5	30
12		22	15	22	11	22	14	24	10.5	24	12	23	17	24	11	21	9.5	20	12	26	9.5	31

VAPOUR TENSION

IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
.267	.265	.269	.275	.284	.294	.296	.268	.266	.265	.267	.268	.269	.252	.233	.225	.221	.216	.222	.209	.202	.207	.207	1
.203	.210	.205	.221	.232	.231	.223	.225	.224	.223	.230	.227	.231	.230	.217	.228	.225	.225	.218	.225	.214	.218	.210	2
.212	.218	.223	.223	.222	.222	.219	.223	.247	.273	.291	.305	.275	.267	.273	.272	.274	.273	.276	.280	.283	.274	.276	3
.275	.274	.262	.262	.260	.268	.257	.248	.263	.253	.263	.274	.277	.278	.305	.310	.310	.306	.304	.298	.287	.275	.275	4
.276	.275	.284	.293	.296	.293	.292	.299	.302	.306	.319	.331	.335	.316	.350	.355	.358	.365	.372	.367	.376	.381	.382	5
.378	.377	.380	.376	.376	.381	.377	.379	.380	.365	.369	.361	.347	.341	.334	.327	.318	.292	.285	.281	.262	.256	.243	6
.241	.248	.244	.243	.252	.252	.252	.253	.259	.269	.336	.348	.345	.322	.302	.293	.288	.276	.261	.263	.265	.266	.264	7
.261	.264	.262	.261	.261	.255	.259	.270	.274	.276	.277	.278	.280	.279	.302	.307	.327	.332	.335	.292	.300	.271	.261	8
.242	.247	.254	.254	.257	.247	.245	.250	.257	.263	.270	.276	.276	.281	.279	.277	.270	.302	.316	.319	.317	.312	.314	9
.329	.310	.310	.321	.319	.253	.223	.229	.233	.211	.226	.218	.228	.213	.218	.242	.236	.237	.235	.238	.226	.236	.222	10
.223	.220	.244	.241	.253	.248	.257	.271	.289	.318	.327	.331	.311	.301	.279	.220	.222	.195	.225	.213	.212	.207	.217	11
.218	.213	.212	.204	.198	.196	.208	.206	.205	.215	.206	.209	.220	.217	.213	.230	.242	.254	.255	.253	.247	.250	.263	12
.257	.253	.235	.233	.230	.227	.217	.219	.207	.223	.213	.208	.196	.191	.183	.182	.165	.186	.198	.200	.171	.159	.150	13
.132	*	.133	.123	.133	.124	.120	.118	.125	.134	.139	*	.157	.166	.167	.159	.147	.139	.133	.131	.130	.131	.129	14
.122	.136	.163	.162	.161	.152	.154	.159	.155	.160	.164	.167	.165	.164	.173	.173	.175	.172	*	.175	.171	.178	.182	15
.167	.165	- - - - - - - -			*	*	- - - - - -			.129	.134	.137	.152	.158	.163	.144	.135	.127	.127	.128	.108	.113	16
.101	.092	.100	.090	.087	.088	.080	.081	.085	.111	.135	.139	.151	.157	.158	.154	.153	.154	.154	.150	.153	.149	.152	17
.140	.155	.177	.181	.190	.187	.183	.200	.197	.201	.194	.170	.184	.186	.174	.162	.156	.162	.160	.164	.166	.171	.178	18
.161	.182	.181	.181	.180	.185	.192	.190	.202	.206	.195	.216	.233	.207	.191	.203	.204	.187	.198	.203	.200	.200	.194	19
.191	.183	.187	.186	.180	.176	.181	.173	.180	.176	.173	.176	.176	.187	.192	.195	.189	.186	.175	.180	.182	.181	.182	20
.176	.164	.170	.161	.159	.159	*	.150	.150	*	.148	- - - - -		*	- - -	- - -	.165	- - -	- - -	*	- - -	- - -	.166	21
.158	.161	.157	.155	.153	.157	.159	.158	.160	.163	.163	.170	.179	*	.176	.176	.178	.184	.184	.184	.184	.187	.187	22
.190	.184	.185	.188	.195	.193	.224	.239	.246	.258	.266	.271	.272	.276	.274	.270	.260	.250	.243	.247	.241	.234	.236	23
.224	.223	.223	.220	.221	.231	.226	.211	.189	.179	.170	.167	.165	.150	.167	*	.141	*	.113	.113	.115	.119	.151	24
.144	.153	.142	.139	.129	.123	.123	.125	.128	.136	- - - - -		*	*	- - -	- - -	.134	.146	.138	.148	.156	.160	.163	25
.178	.170	.169	.160	.150	.150	.144	.152	.157	.157	.171	.181	.185	.193	.195	.189	.189	.175	.171	.173	.171	.170	.164	26
.162	.168	.167	.170	*	.163	.162	.158	.156	*	.161	.162	.164	.162	.162	.157	.153	.151	.145	.135	.143	.149	.155	27
.161	- - -	*	- - -	.160	.170	.173	.178	.180	.181	.187	.181	.184	.188	.187	.187	.188	.186	.184	.181	.179	.180	.181	28
.181	.183	.181	.182	.181	.177	.178	.178	.173	.175	.170	.193	.179	.187	.175	.167	.158	.172	.165	.161	.160	.171	.175	29
.166	.170	.156	.150	.152	.151	.154	.160	.167	.180	.180	.182	.193	.189	.176	.167	.161	.166	.151	.181	.179	.183	.187	30
.137	.136	.120	*	.108	.105	.111	.123	.162	.163	*	*	.161	.180	.187	.166	.180	.184	.194	.200	.204	.211	.211	31

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT. Secretary.

ABERDEEN OBSERVATORY LAT: 57° 10'N. LONG: 2° 6' W

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.715	29.693	29.690	29.666	29.656	29.632	29.617	29.616	29.606	29.586	29.599	29.593	29.5
2	29.828	29.859	29.880	29.894	29.904	29.918	29.926	29.936	29.968	29.989	30.010	30.016	30.0
3	30.121	30.106	30.100	30.096	30.087	30.073	30.053	30.033	30.017	30.003	29.981	29.952	29.9
4	.088	.104	.131	.138	.142	.142	.169	.174	.179	.182	30.188	30.177	30.
5	.128	.124	.112	.098	.092	.093	.087	.082	.078	.073	.069	.068	.0
6	.029	.035	.033	.029	.029	.039	.036	.048	.053	.049	.062	.075	.0
7	.329	.324	.321	.309	.302	.292	.270	.249	.265	.259	.230	.205	30.
8	.097	.104	.095	.120	.090	30.085	30.079	30.065	30.050	30.030	30.021	30.000	29.9
9	30.002	30.021	30.034	30.022	30.015	29.987	29.982	29.983	29.983	29.997	29.995	29.985	.9
10	29.843	29.819	29.791	29.787	29.765	.762	.795	.795	.804	.811	.795	.798	.7
11	.934	.956	.955	.935	.915	.888	.850	.808	.743	.685	.626	.568	.5
12	.494	.508	.479	.473	.474	.483	.489	.511	.538	564	.607	.631	.6
13	.615	.604	.594	.583	.574	.573	.573	.594	.601	.600	.604	.596	.5
14	.625	.634	.632	.622	.605	.587	.529	.555	.573	.605	.652	.690	.7
15	.772	.752	.717	.690	.652	.612	.569	.526	.495	.456	.412	.371	.3
16	.393	.418	.448	.470	.493	.521	.589	.564	.591	.624	.650	.665	.6
17	.731	.722	.711	.691	.687	.697	.702	.710	.724	.747	.744	.748	.7
18	29.586	29.499	29.460	29.428	29.396	29.374	29.339	29.319	29.294	29.258	29.218	29.179	29.1
19	28.748	28.713	28.722	28.676	28.644	28.618	28.617	28.622	28.623	28.663	28.690	28.707	28.7
20	29.040	29.082	29.110	29.122	29.134	29.170	29.174	29.194	29.227	29.262	29.270	29.282	29.3
21	.508	.552	.579	.609	.639	.663	.688	.720	.759	.789	.808	.825	.8
22	.868	.858	.846	.835	.808	.792	.777	.768	.753	.752	.731	.706	.6
23	29.223	29.198	29.176	29.165	29.158	29.155	29.148	29.151	29.158	29.163	29.144	29.130	29.1
24	28.904	28.888	28.866	28.850	28.839	28.834	28.831	28.849	28.887	28.926	28.946	28.961	28.9
25	29.096	29.099	29.116	29.115	29.118	29.119	29.119	29.128	29.145	29.141	29.148	29.162	29.1
26	.265	.291	.288	.301	.298	.300	.307	.315	.330	.346	.367	.384	.3
27	.350	.362	.362	.350	.348	.350	.355	.368	.388	.409	.418	.421	.4
28	.526	.523	.522	.520	.511	.510	.517	.521	.522	.530	.523	.520	.5
29	29.439	29.431	29.420	29.417	29.405	29.398	29.397	.408	.405	.395	.384	.354	.3
30	28.909	28.890	28.885	28.890	28.914	28.945	28.973	.000	.041	.077	.124	.170	.2
31	29.671	29.695	29.748	29.749	29.765	29.790	29.795	29.789	29.802	29.810	29.844	29.858	29.8

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MI
1	47.5	47.7	47.7	47.2	47.2	47.4	47.0	46.6	46.6	46.5	46.8	47.4	47.0	46.6	46.2	45.0	44.0	44.0	43.2	41.6	39.3	38.7	39.1	39.1	4
2	39.3	38.9	37.7	38.6	39.0	37.8	38.7	36.7	36.0	38.0	40.0	41.0	41.7	41.4	40.1	38.0	37.8	37.7	35.3	35.4	35.5	35.2	35.4	34.7	3
3	34.3	33.6	34.0	33.6	34.5	34.5	34.5	36.8	38.0	39.0	40.7	42.0	42.6	42.5	41.8	40.3	39.4	38.4	39.1	39.4	40.3	41.0	41.0	38.9	3
4	38.5	38.3	37.7	37.5	36.7	37.0	36.3	37.0	36.8	39.7	38.9	41.0	42.3	42.6	42.4	43.0	43.6	43.0	43.1	42.1	43.0	43.3	43.5	44.3	4
5	44.7	43.1	42.0	42.2	45.0	44.7	43.7	44.6	45.2	48.4	48.7	47.5	47.6	48.3	48.7	47.9	47.6	48.3	49.2	49.0	50.6	51.5	48.3	50.1	4
6	47.5	48.5	48.7	47.5	46.0	48.3	48.1	47.0	46.9	49.0	53.9	51.3	51.9	53.0	51.0	53.0	51.2	50.0	48.2	47.0	43.8	42.0	41.0	40.0	4
7	40.4	38.0	38.8	38.9	37.7	37.6	41.0	40.4	44.7	46.0	47.0	46.7	49.4	49.5	48.7	48.2	49.2	50.0	49.4	48.4	47.9	47.7	48.1	47.8	4
8	48.0	47.5	45.1	47.0	47.3	46.1	45.6	47.0	49.5	49.5	50.0	49.7	49.6	48.6	48.1	48.4	49.4	49.3	52.6	50.7	50.5	48.4	47.6	47.4	4
9	47.6	47.0	45.8	45.1	45.8	46.8	47.3	47.6	47.6	48.4	48.6	48.6	49.0	48.9	49.2	49.4	49.2	49.3	48.6	47.8	48.0	48.6	46.9	44.7	4
10	45.1	43.0	43.4	48.6	48.0	51.4	49.2	47.8	47.5	47.0	47.4	47.5	47.1	46.4	46.0	46.3	45.0	45.6	45.6	45.0	44.8	44.7	44.5	44.4	4
11	44.2	43.4	43.3	41.5	44.2	43.0	43.0	41.9	40.7	43.0	44.8	45.4	48.4	52.3	50.0	47.4	43.4	42.4	42.1	42.3	42.0	41.1	41.7	39.6	4
12	40.4	38.2	36.7	38.8	38.3	39.4	40.7	40.7	40.6	41.1	40.1	38.8	40.1	39.9	39.3	38.4	38.9	39.6	39.3	38.0	37.9	37.3	36.2	35.8	3
13	35.6	34.9	35.2	34.6	37.2	39.4	39.0	36.5	36.6	38.6	38.4	38.4	38.1	35.0	32.5	31.9	31.3	29.7	31.0	31.7	31.6	29.0	28.9	26.6	3
14	26.0	25.7	25.4	25.8	26.3	27.4	29.9	30.6	31.0	32.0	32.4	33.4	33.0	33.1	32.2	31.4	30.1	29.0	28.2	27.4	27.9	28.7	29.1	29.1	2
15	29.4	29.4	30.4	30.4	29.4	29.5	30.0	31.0	30.6	32.0	34.7	34.7	34.8	35.4	36.4	36.3	36.0	36.4	36.2	36.2	36.5	36.4	35.5	34.7	3
16	36.0	34.9	34.2	32.4	34.0	32.5	32.0	31.4	30.6	30.3	30.4	31.5	31.7	32.2	30.9	31.0	31.3	32.4	32.4	30.8	31.5	30.6	29.5	29.5	3
17	26.7	28.3	27.5	29.4	30.6	30.0	30.7	30.4	32.0	32.6	32.2	32.3	32.3	31.4	30.0	29.0	27.7	26.6	25.7	25.3	25.0	25.0	34.0	32.2	2
18	35.9	33.5	32.8	33.1	32.4	32.5	36.1	36.2	36.1	36.6	37.3	37.4	37.6	37.0	35.2	35.0	35.2	36.2	35.6	35.3	34.3	34.4	35.8	36.2	3
19	35.7	35.9	35.2	35.3	35.3	34.7	34.8	36.0	35.6	35.6	35.2	36.4	36.4	36.2	36.2	35.8	37.4	36.4	37.4	38.7	38.1	38.0	38.2	37.4	3
20	37.4	36.1	35.1	36.8	36.7	35.4	36.3	35.5	35.3	34.4	34.9	35.4	36.7	34.6	33.3	32.0	32.0	32.3	33.0	33.3	34.6	35.7	35.9	36.1	3
21	36.4	35.7	35.7	34.3	31.7	31.2	31.9	32.0	31.6	31.1	31.0	30.8	30.6	31.2	30.9	31.5	31.6	31.4	31.1	30.5	29.3	28.2	27.1	26.6	3
22	25.3	24.5	24.5	24.0	24.4	24.8	28.7	24.6	25.4	24.6	24.4	25.6	25.6	26.8	26.2	26.0	26.4	26.6	29.0	36.2	35.7	36.3	36.6	36.9	2
23	38.4	39.0	39.1	39.2	39.5	39.2	39.4	39.9	40.2	40.7	40.6	40.4	41.0	41.4	40.1	38.6	37.7	38.0	36.5	36.2	36.5	35.5	35.3	35.0	3
24	35.4	36.6	37.0	36.9	37.3	37.6	37.1	39.0	37.2	36.4	35.7	36.0	35.6	34.9	34.3	33.4	33.5	32.9	32.4	30.5	29.5	28.9	28.6	28.7	3
25	28.7	28.6	29.0	30.0	29.9	29.8	29.3	29.1	30.7	31.2	32.7	32.8	33.4	32.2	32.6	32.4	32.3	31.6	32.2	31.7	31.5	30.8	31.2	30.9	3
26	30.8	30.6	30.5	31.5	31.4	31.6	31.7	31.3	30.8	31.0	31.6	31.1	31.4	31.4	31.7	32.4	29.8	29.0	28.4	26.6	26.1	25.5	27.6	25.4	3
27	24.3	22.6	19.0	19.6	19.4	18.5	20.0	17.5	17.4	16.6	17.1	18.9	19.5	20.5	19.6	19.2	18.2	17.0	17.3	18.1	17.6	19.9	21.4	22.1	1
28	23.5	23.5	23.6	24.6	25.8	27.1	29.4	30.7	30.7	31.3	32.4	33.1	33.6	34.4	34.3	34.0	33.8	34.2	35.4	34.1	33.5	33.4	32.6	31.7	3
29	31.6	31.6	31.8	32.5	32.5	32.3	32.5	32.4	32.2	32.7	33.5	32.3	32.5	32.6	32.7	33.7	33.7	34.1	35.3	36.0	35.3	34.9	34.1	34.1	3
30	33.7	33.6	33.6	34.0	34.7	35.4	35.0	35.6	36.5	36.6	35.7	37.0	37.1	37.0	36.3	35.7	35.0	34.3	33.7	33.0	32.7	31.6	31.6	32.1	3
31	30.9	30.0	30.4	28.9	28.6	28.4	28.0	28.7	32.4	32.0	32.0	32.0	33.8	34.8	34.5	34.4	34.2	35.0	36.3	35.5	35.0	35.8	35.4	35.7	3

* Record defective or Instrument out of action. † Reading of Standard. ‡ Approximate

HOURLY VALUES DECEMBER 1880.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS
576	29.565	29.558	29.568	29.600	29.626	29.671	29.714	29.741	29.774	29.794	29.643	1
036	30.046	30.060	30.076	30.079	30.093	30.111	30.113	30.116	30.131	30.131	30.006	2
897	29.897	29.894	29.911	29.924	29.943	29.977	·001	·031	·047	·068	30.005	3
167	30.167	30.173	30.179	30.181	30.180	30.181	·168	·165	·149	·135	30 159	4
034	.025	.023	.015	29.999	.001	·004	·011	·026	·024	·023	30 056	5
077	·109	·146	·161	30.210	·245	·269	·290	·309	·316	·329	30.127	6
·219	30.192	30.167	30.149	30.149	30.144	30.127	30.131	30.127	30.101	·097	30.215	7
·962	29.932	29.895	29.882	29.889	29.906	29.925	29.946	29.974	29.978	30.002	30.005	8
·974	·974	·982	·983	·983	·978	·977	·962	·928	·908	29.870	29.979	9
803	·808	·808	817	·821	.854	·871	·890	·893	·891	·906	29.822	10
·520	·524	·537	·539	·544	·545	·540	·544	.533	·528	·577	29.677	11
·668	·679	·690	·683	.687	·677	·668	·651	·641	. 634	·624	29.592	12
·632	·636	·623	. 600	·539	·495	·540	·549	·565	·584	·620	29.587	13
·755	·785	·825	·837	·852	·841	·849	·840	·829	·810	·796	29.709	14
·291	·264	·262	·251	·255	·258	·280	·293	·321	·341	·371	29.439	15
·689	·698	·707	·727	·741	·747	·756	·743	·754	·752	·739	29.629	16
·741	·732	29.727	29.711	29.700	29.690	29.671	29.648	29.624	29.596	29.573	29.699	17
·077	29.028	28.975	28.936	28.913	28.903	28.880	28.880	28.857	28.831	28.805	29.146	18
·741	28.735	28.739	28.758	28.784	28.810	28.834	28.864	28.910	28.967	29.005	28.746	19
·300	29.304	29.329	29.344	29.363	29.383	29.400	29.409	29.429	29.456	·481	29.274	20
·852	·858	·867	·864	·873	·878	·883	·881	·877	·881	·878	29.774	21
·663	·628	·603	·581	·551	·516	·485	29.435	29.376	29.338	29.283	29.651	22
.098	·087	·088	·074	.054	·041	·021	28.998	28.971	28.956	28.931	29.100	23
.986	·013	·037	·041	·048	·064	·060	29.086	29.093	29.093	29.091	28.965	24
.208	·192	·205	·205	·222	·225	·237	·248	·262	·273	·272	29.176	25
·380	·375	·378	·375	·355	·350	·349	·349	·349	·348	·349	29.389	26
·432	·451	·467	·476	·491	·503	·512	·522	·527	·534	·528	29.430	27
·497	·493	·492	·483	·482	·484	·482	·480	·468	29.458	29.452	29.501	28
·297	·269	·237	·202	·165	·128	·089	·042	·002	28.970	28.940	29.272	29
·262	·309	·352	387	·422	·470	.505	·541	·586	29.610	29.649	29.214	30
.860	29.875	29.900	29.917	29.937	29.944	29.982	29.987	29.984	29.982	29.980	29.855	31

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS	DAYS.
46.3	46.1	45.6	45.4	45.3	45.0	45.0	45.1	45.1	44.7	43.5	42.6	41.8	40.6	40.0	39.6	40.0	39.7	39.3	37.9	37.4	37.3	37.1	42.4	1
36.4	35.6	36.0	36.0	35.4	36.0	35.0	34.6	36.0	37.6	38.4	38.8	38.6	38.1	36.3	35.7	35.7	34.0	34.0	34.0	33.9	34.8	33.5	35.9	2
32.8	33.0	32.7	33.4	33.6	33.9	36.2	37.3	37.8	39.2	40.0	40.6	41.2	40.8	39.6	38.4	37.4	37.5	37.7	38.3	38.7	38.7	37.3	37.1	3
37.0	36.4	36.3	35.8	36.0	35.4	35.8	35.7	38.2	37.5	39.1	40.5	41.0	40.7	41.3	41.7	41.4	41.4	40.9	41.6	42.0	42.3	42.7	39.1	4
42.2	41.2	41.4	43.0	43.1	42.6	43.4	44.0	45.8	46.1	45.7	46.3	47.0	47.4	47.0	47.0	47.4	48.0	48.0	48.7	49.4	47.4	48.6	45.6	5
47.4	47.6	46.7	47.0	47.4	47.4	46.5	46.4	48.0	51.4	50.0	49.8	49.3	48.3	48.0	46.4	45.0	44.2	43.4	41.4	40.0	38.9	38.0	46.1	6
36.0	36.5	36.4	35.4	34.9	36.3	35.4	37.4	41.2	43.1	44.0	46.6	46.9	46.5	46.7	47.6	48.0	47.3	46.1	44.9	43.6	42.7	42.7	41.8	7
42.3	41.1	42.3	42.6	42.3	41.9	43.0	44.4	44.6	45.0	45.6	46.0	46.0	46.0	46.1	46.4	46.4	48.3	46.7	45.7	44.4	42.1	42.4	44.3	8
41.6	41.1	40.9	41.3	42.1	42.6	43.2	43.6	44.2	44.5	44.6	44.7	45.0	45.3	45.1	44.9	44.7	45.0	44.6	45.1	45.0	43.2	41.6	43.6	9
40.8	41.4	44.4	44.4	44.7	45.0	42.4	41.5	41.0	40.0	41.3	40.4	40.9	40.4	39.4	39.6	39.6	39.6	39.8	39.4	39.7	39.7	39.7	41.3	10
39.6	39.5	38.5	39.5	39.2	39.8	39.3	38.6	40.0	41.5	43.5	45.3	45.8	44.4	41.7	39.3	38.1	37.7	37.5	37.4	36.6	37.0	37.1	39.9	11
36.8	35.4	36.4	36.0	36.4	35.9	34.9	35.0	35.0	35.7	35.8	36.2	36.0	35.7	34.7	34.7	35.0	35.4	35.4	35.5	35.2	34.7	34.4	35.5	12
33.9	34.0	33.4	35.4	37.1	36.6	35.2	35.0	35.0	36.0	35.6	34.3	33.4	*	*	30.4	28.7	29.5	31.3	29.3	27.9	26.0	24.5	32.5	13
24.1	24.0	24.5	24.7	25.7	----	*	*	---	28.3	*	28.4	29.1	28.4	*	26.4	26.0	25.7	25.4	26.0	26.7	27.3	27.4	26.7	14
27.6	28.4	29.3	28.9	29.0	29.6	30.6	30.1	31.5	33.6	33.8	34.2	34.7	35.4	35.3	35.0	35.6	35.6	35.4	35.1	35.0	34.3	32.9	32.5	15
33.0	32.1	31.0	----	*	----	30.1	29.3	28.8	28.6	29.4	29.9	30.6	29.7	30.0	30.3	31.3	31.3	29.6	29.6	28.8	28.0	27.7	30.3	16
26.3	25.6	27.0	28.1	27.9	28.9	29.0	31.0	31.6	*	30.6	30.0	29.3	28.3	27.4	26.3	25.4	24.9	24.5	24.2	24.4	31.0	29.9	27.8	17
32.7	32.3	31.6	----	----	*	*	----	----	32.6	33.0	34.3	34.8	34.1	34.2	34.6	35.0	34.3	33.5	32.2	31.9	32.8	33.4	33.0	18
33.5	33.1	32.5	32.6	33.2	33.6	34.4	34.1	34.0	33.7	33.4	32.6	33.6	33.6	33.3	34.0	34.1	34.7	36.0	35.9	36.0	35.8	35.4	34.0	19
34.0	33.7	34.0	33.7	33.2	33.6	33.1	33.0	32.4	32.7	33.0	33.3	32.6	31.6	30.7	30.8	31.2	32.6	33.0	33.9	34.7	34.6	33.6	33.1	20
33.7	33.2	31.6	*	30.1	30.4	30.0	29.7	29.4	28.5	28.3	27.8	28.7	28.9	29.2	29.1	28.9	28.9	28.5	27.3	26.4	25.3	24.9	29.2	21
23.4	23.1	23.0	23.0	23.0	22.7	23.4	24.0	23.6	23.0	24.0	24.0	25.3	24.6	24.6	24.9	25.3	27.7	*	34.6	35.2	35.6	36.0	26.4	22
38.0	37.8	38.4	38.6	38.7	38.7	39.0	39.3	39.8	40.0	39.3	40.2	40.8	39.8	38.4	37.6	37.9	36.3	36.0	36.3	35.4	35.3	35.0	38.1	23
36.5	36.6	36.5	36.9	37.4	37.0	36.6	36.6	35.4	34.7	34.7	34.1	34.0	33.6	32.9	33.0	32.6	32.1	*	*	28.9	28.5	28.6	33.9	24
28.4	28.9	29.7	29.4	29.2	28.4	27.9	29.3	29.6	31.2	31.2	*	*	30.9	30.3	30.2	29.8	30.3	30.2	30.3	29.8	30.2	30.1	29.8	25
----	----	----	----	*	----	----	----	----	‡29.5	*	27.7	28.3	28.3	27.9	28.7	29.0	27.7	26.9	25.4	25.0	24.4	26.0	24.0	‡28.2	26
21.6	18.5	18.9	18.5	18.0	19.3	16.7	16.5	16.0	16.6	17.7	18.3	19.0	18.3	18.0	17.2	16.0	16.4	17.4	16.8	18.9	20.2	21.1	18.3	27
22.5	22.6	23.6	24.7	26.0	28.3	29.8	29.9	30.4	----	*	*	----	33.6	33.1	33.0	33.7	34.7	33.5	33.0	32.8	32.0	31.0	30.0	28
*	31.1	31.5	31.4	31.4	31.6	31.4	31.3	31.7	----	----	----	*	*	----	----	----	33.7	34.4	34.8	34.0	33.4	33.4	‡32.1	29
33.3	33.3	33.4	33.7	34.0	33.9	34.0	34.6	34.4	34.5	35.4	34.6	33.7	33.1	32.8	32.0	31.4	*	30.0	30.4	29.7	30.4	30.9	32.8	30
28.5	29.0	27.4	27.1	27.0	26.8	27.4	30.4	29.8	*	31.3	31.4	32.0	----	*	*	----	33.8	34.1	33.7	34.2	33.7	34.0	30.8	31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

ABERDEEN OBSERVATORY LAT: 57° 10′ N. LONG: 2° 6′ W.

WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	
1	18	15	17	17	19	16	18	18	18	19	18	15	18	14	18	16	19	16	19	16	20	11	21	7.5	22	1
2	26	14	24	8.5	22	6.5	25	4.5	24	6.5	24	4.5	24	6.5	25	4.5	24	6.5	24	4.5	23	7.5	25	11	25	6
3	25	4.5	24	4.5	24	3	24	4	24	3	24	4.5	16	4	17	7.5	18	7.5	16	10.5	15	13	15	14	14	1
4	24	4	22	4	24	4	25	3	25	4.5	23	3	24	4.5	24	4.5	24	5.5	21	4.5	21	4.5	21	4.5	21	
5	18	8.5	18	4	18	6.5	20	6.5	20	7.5	20	4	16	4	18	5.5	16	5.5	21	15	20	15	18	9.5	17	
6	12	5.5	10	4.5	6	3	17	4	11	4.5	11	3	8	3	8	3	30	2	21	9.5	25	9.5	27	8.6	21	
7	19	7.5	16	6.5	18	4.5	18	4.5	25	5.5	18	7.5	18	9.5	18	11	20	10.5	20	12	18	19	19	19	20	
8	19	17	21	11	20	10.5	22	9.5	20	10.5	21	4.5	21	5.5	20	13	22	24	21	23	22	21	20	23	20	2
9	24	29	25	29	24	15	24	16	24	21	24	20	24	25	24	22	24	18	24	19	24	17	25	20	24	2
10	18	5.5	20	6.5	20	9.5	24	4.5	22	7.5	23	18	26	28	26	32	24	27	25	36	25	43	25	40	25	4
11	27	19	23	16	22	11	18	7.5	21	9.5	19	11	18	10.5	17	10.5	18	11	19	12	18	17	19	16	20	1
12	23	20	25	20	22	23	22	20	24	26	25	27	24	29	25	32	24	33	25	37	26	40	26	34	26	3
13	19	4	21	3	21	5.5	21	7.5	22	9.5	25	12	23	11	27	18	25	17	24	19	25	22	25	17	25	2
14	27	21	26	24	26	25	25	20	23	17	23	21	24	27	27	31	27	26	28	31	28	30	29	28	29	2
15	28	4.6	28	4.5	25	5.5	24	6.5	25	6.5	25	3	25	2	25	3	25	4	25	5.5	15	12	14	13	14	1
16	2	18	30	15	32	11	29	13	32	13	30	13	29	9.5	28	15	28	16	27	11	27	14	26	16	26	1
17	20	8.5	21	10.5	21	10.5	22	12	24	9.5	24	8.5	24	11	25	13	26	13	28	10.5	28	8.5	28	8.5	28	1
18	14	17	16	10.5	19	8.5	18	9.5	17	8.5	18	9.5	15	21	15	25	15	28	15	31	16	35	15	32	15	3
19	16	29	17	26	18	19	18	28	17	30	16	27	17	17	18	21	20	24	19	15	18	10.5	20	12	21	1
20	26	26	25	15	24	11	25	19	26	18	24	11	24	14	25	14	26	12	22	12	26	13	26	9.5	24	8
21	31	10.5	30	11	29	11	29	13	28	9.5	25	10.5	26	14	27	14	26	14	27	15	27	7.5	24	8.5	24	1
22	25	7.5	25	5.5	25	11	25	9.5	25	4.5	25	7.5	25	9.5	25	5.5	25	4.5	25	6.5	25	7.5	25	5.5	25	6
23	12	36	12	30	12	26	10	20	10	19	10	14	10	15	11	17	12	21	12	22	14	17	14	16	14	1
24	26	13	27	9.5	27	14	27	16	27	14	26	16	26	15	32	17	32	24	1	26	32	24	1	23	31	1
25	26	27	26	26	27	17	27	17	27	21	27	22	26	27	26	28	26	24	25	26	26	29	26	26	26	3
26	26	39	26	40	26	37	26	36	26	37	26	34	26	33	26	28	26	32	26	31	26	19	24	11	23	1
27	26	7.5	23	6.5	24	5.5	24	7.5	24	7.5	24	7.5	24	7.5	24	5.5	24	12	24	9.5	25	8.5	25	10.5	25	7
28	25	6.5	25	9.5	25	9.5	25	11	25	12	26	8.5	26	7.5	26	7.5	26	7.5	26	10.5	26	10.5	26	10.5	26	8
29	28	12	28	13	28	11	28	12	28	13	28	10.5	28	11	28	12	28	12	28	12	28	10.5	28	11	28	1
30	30	24	30	25	29	30	28	22	30	26	29	21	28	22	30	21	29	23	28	27	27	24	29	25	28	2
31	27	17	27	20	28	13	26	12	26	16	26	15	22	14	22	18	23	19	23	18	26	25	27	16	26	1

RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET. }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	·055	·030	,	,
2	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
3	,	,	,	,	,	,	,	,	·045	·030	·010	,	·005	·005	,	,	,	,	,	,	,	,	,	,
4	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	·030	·080	·010	,	,	,	,	,	,
6	,	,	,	,	,	,	,	·010	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
7	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
8	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
9	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
10	.	.	.	.	.	.	·020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	·010
12	,	·025	·065	,	,	,	,	,	,	,	,	·005	,	,	,	,	,	,	,	,	,	,	,	,
13	.	.	.	.	.	.	·010	·015	,	,	,	.	.	.	.	.	.	.	.	.	Snowing			.
14	.....	Melted Snow = ·080	.....						,	,	,	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.....	Melted Snow = ·140	.....						.	·040	·035	·025	·020	·015	·045	·030	·040	·065	·025	·030	·015	·020		
16	·005	.	.	.	.	.	.	.	.	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
17	.....	Melted Snow = ·010	.....						,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
18	.....	Hail = ·030	.....						,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
19	·010	·030	·005	,	,	,	,	,	,	,	,	,	·010	·060	·080	·115	·070	,	,	,	,	·005	,	,
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Snowing				.
21	.....	Melted Snow & Rain = ·230	.....						.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	·070	·030	·040	·040	·045	·035	·025	,	,	·015	·080	·050	·020	·005	·005	·010	,	,	,	.....	·120	.....		·070
24	·105	·145	·050	·005	·005	.	.	.	·010	·015	.....	.....	.....	.....	.....	Snowing	.....	.....	.....	.....	.....	.....	·005	·070
25	.....	Snow Melted = ·820	.....						,	,	·015	·005	,	,	,	,	,	,	,	,	,	,	,	,
26	,	,	,	,	,	,	,	,	,	,	,	,	,	,	Snow ·010	,	,	,	,	,	,	,	,	,
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.....	Melted Snow & Ice = ·030	.....						,	,	,	,	,	·065	,	,	·025	·040	·010	·015	,	,	,	,
29	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	·010	·005	·020	·030	·030	·035	
30	·035	·055	·050	·040	·040	·025	·015	·020	·005	·005	·010	·005	·005	,	,	,	,	,	,	,	,	,	,	
31	.....	Melted Snow = ·020	.....						.	.	.	.	.	.	.	.	.	·005	.	.	·005	.	.	

* Record defective or Instrument out of action † Obtained from reading of Standard ‡ Approximate

HOURLY VALUES DECEMBER 1880.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS.
	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
		19	24	22	24	25	24	26	25	33	25	36	26	37	26	34	27	29	26	24	26	21	1
		8.5	27	3	24	4.5	23	7.5	26	5.5	22	6.5	22	5.5	26	5.5	24	4.5	24	4.5	23	5.5	2
		12	18	8.5	18	7.5	18	10.5	18	10.5	19	11	21	12	22	10.5	21	13	21	11	21	4.5	3
		3	21	3	21	4.5	24	4.5	24	2	24	4	24	4.5	24	4	20	5.5	20	5.5	20	9.5	4
		8.5	16	9.5	18	11	17	7.5	18	7.5	22	8.5	20	5.5	23	4.5	12	7.5	9	4.5	19	6.5	5
		9.5	19	8.5	25	20	26	20	24	17	26	12	26	8.5	13	6.5	19	3	19	5.5	19	4.5	6
		12	19	19	18	19	19	14	19	12	16	11	18	10.5	10	4.5	9	7.5	20	21	20	24	7
		23	18	20	18	16	19	19	20	14	24	14	24	14	24	20	26	26	26	29	26	25	8
		19	26	21	27	19	27	13	24	11	24	9.5	20	5.5	24	5.5	19	4.5	19	7.5	19	6.5	9
		42	25	47	26	46	25	44	26	52	26	49	26	45	26	48	27	44	27	41	27	40	10
		27	25	26	25	27	26	25	24	21	24	19	24	24	24	25	24	18	23	20	24	25	11
		28	26	22	26	16	27	17	25	17	25	13	24	10.5	24	10.6	22	10.5	22	5.5	19	4	12
		20	26	12	23	9.5	21	14	20	11	20	22	28	29	26	24	27	27	28	30	28	28	13
		19	30	12	30	11	29	8.5	29	8.5	28	9.5	28	6.5	28	4.5	28	4.5	28	4.5	28	4	14
		11	8	16	6	19	6	17	4	22	4	34	5	34	6	27	3	19	2	19	2	20	15
		14	27	16	27	16	27	18	27	15	26	10.5	25	11	26	16	25	10.5	24	8.5	22	12	16
		10.5	27	8.5	27	9.5	27	7.5	27	5.5	27	7.5	27	7.5	27	7.5	27	6.5	13	11	19	10.5	17
		31	15	30	14	37	15	27	17	14	18	13	18	14	18	14	19	15	18	18	17	22	18
		12	20	14	21	20	22	22	22	19	22	16	26	24	25	30	26	35	26	32	26	28	19
		10.5	25	11	25	12	26	10.5	26	11	27	6.5	28	6.5	31	8.5	2	13	32	11	32	15	20
		7.5	24	9.5	24	9.5	24	7.5	25	12	24	9.5	24	8.5	25	9.5	25	9.5	25	11	25	11	21
		7.5	25	7.5	25	8.5	25	5.5	25	6.5	24	13	12	25	12	27	12	30	11	25	11	31	22
		8.5	20	4	20	5.5	20	2	20	4.5	20	5.5	20	4.5	20	6.5	20	8.5	26	6.5	26	13	23
		17	28	18	28	15	27	17	26	21	27	26	26	35	27	35	27	29	27	27	26	30	24
		30	26	33	25	30	26	37	26	37	25	38	25	37	26	40	25	35	26	36	26	39	25
		11	22	17	22	19	22	9.5	22	11	22	8.5	23	8.5	25	12	25	11	26	13	26	8.5	26
		9.5	25	7.5	25	7.5	25	8.5	25	4	25	6.5	25	10.5	25	8.5	25	7.5	25	8.5	25	9.5	27
		9.5	30	8.5	29	10.5	29	10.5	30	9.5	6	9.5	29	9.5	29	12	28	10.5	28	12	28	11	28
		14	28	13	28	10.5	29	11	30	16	32	14	32	16	2	21	32	21	32	22	31	23	29
		25	28	21	28	22	27	24	27	19	26	21	26	19	26	22	25	18	27	23	27	13	30
		20	26	18	27	17	27	15	26	14	26	18	24	7.5	23	8.5	24	6.5	22	6.5	22	6.5	31

VAPOUR TENSION

IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
·296	·291	·286	·282	·277	·275	·280	·282	·283	·270	·239	·225	·215	·198	·197	·198	·205	·208	·216	·213	·210	·204	·200	1
·189	·186	·185	·181	·182	·184	·185	·186	·190	·200	·204	·206	·205	·208	·195	·187	·188	·181	·180	·180	·180	·184	·178	2
·177	·176	·175	·178	·182	·188	·206	·214	·214	·222	·225	·230	·244	·243	·235	·222	·212	·208	·208	·210	·210	·210	·206	3
·205	·200	·201	·200	·200	·197	·196	·197	·214	·210	·217	·232	·238	·235	·240	·242	·242	·241	·242	·247	·252	·256	·255	4
·258	·249	·252	·253	·259	·260	·267	·273	·277	·281	·285	·298	·306	·311	·310	·315	·316	·319	·322	·320	·327	·316	·323	5
·314	·316	·309	·309	·316	·318	·311	·309	·322	·345	·344	·331	·306	·306	·277	·261	·245	·245	·241	·234	·225	·213	·207	6
·190	·192	·191	·183	·175	·169	·159	·160	·211	·235	·257	·285	·290	·290	·300	·310	·309	·300	·283	·262	·238	·218	·221	7
·216	·215	·220	·223	·230	·226	·233	·239	·242	·245	·260	·269	·280	·284	·283	·280	·281	·288	·273	·254	·248	·211	·218	8
·207	·210	·211	·214	·218	·223	·232	·239	·244	·248	·250	·249	·256	·259	·253	·251	·246	·258	·257	·265	·258	·238	·228	9
·230	·238	·246	·251	·281	·253	·215	·202	·197	·178	·198	·186	·201	·197	·178	·191	·187	·187	·194	·189	·194	·196	·197	10
·204	·203	·203	·195	·201	·211	·213	·211	·215	·226	·260	·266	·240	·234	·206	·198	·188	·184	·180	·180	·173	·176	·195	11
·202	·193	·190	·187	·184	·165	·150	·152	·149	·166	·180	·174	·173	·173	·165	·161	·159	·168	·180	·183	·183	·186	·184	12
·183	·182	·177	·187	·197	·192	·192	·186	·186	·186	·179	·161	·172	*	*	·154	·138	·138	·170	·128	·128	·087	·085	13
·090	·092	·099	·094	·101	....	*	*	....	·105	*	·104	·114	·107	*	·086	·086	·089	·093	·099	·105	·112	·115	14
·115	·122	·142	·149	·150	·156	·164	·159	·170	·180	·184	·190	·194	·196	·195	·193	·200	·202	·199	·190	·189	·185	·186	15
·165	·156	·153	....	*	....	·146	·139	·131	·126	·131	·138	·147	·144	·148	·152	·160	·160	·143	·135	·128	·123	·117	16
·101	·097	·102	·113	·114	·129	·135	·157	·164	*	·146	·135	·129	·123	·116	·111	·108	·112	·111	·107	·114	·139	·134	17
·176	·176	·158	....	....	*	*	....	....	·141	·146	·165	·179	·180	·188	·194	·191	·184	·172	·157	·151	·156	·163	18
·168	·165	·154	·156	·172	·178	·182	·181	·179	·176	·161	·148	·166	·166	·164	·162	·173	·173	·184	·187	·190	·185	·185	19
·174	·177	·167	·163	·165	·165	·163	·162	·160	·160	·162	·165	·162	·156	·151	·153	·159	·180	·184	·187	·191	·187	·167	20
·172	·163	·147	*	·149	·146	·137	·135	·134	·117	·115	·107	·119	·126	·127	·124	·121	·124	·123	·110	·104	·096	·096	21
·096	·088	·094	·086	·088	·094	·094	·092	·100	·086	·089	·089	·101	·094	·097	·097	·105	·123	*	·189	·194	·197	·201	22
·218	·213	·224	·224	·230	·227	·227	·230	·235	·240	·228	·239	·248	·242	·230	·224	·226	·212	·210	·212	·207	·206	·204	23
·215	·212	·211	·214	·221	·219	·280	·210	·196	·191	·188	·181	·185	·184	·181	·182	·182	·178	*	*	·159	·154	·155	24
·157	·157	·159	·153	·149	·137	·127	·138	·138	·154	·153	*	*	·149	·140	·139	·137	·141	·145	·150	·148	·154	·153	25
....	....	....	*	....	....	....	....	·134	*	·102	·110	·110	·102	·111	·144	·123	·114	·108	·105	·103	·104	·092	26
·088	·085	·082	·075	·084	·083	·072	·068	·074	·078	·066	·068	·064	·065	·066	·067	·063	·068	·076	·071	·074	·077	·085	27
·094	·094	·100	·104	·112	·133	·149	·151	·154	....	*	*	....	·184	·178	·178	·188	·194	·185	·182	·179	·173	·162	28
*	·163	·164	·161	·163	·166	·162	·163	·165	....	....	....	*	*	....	....	....	·176	·182	·187	·185	·183	·183	29
·187	·187	·184	·182	·180	·182	·179	·181	·176	·187	·189	·174	·160	·157	·157	·148	·144	*	·130	·139	·135	·150	·154	30
·128	·135	·118	·115	·116	·117	·121	·142	·133	*	·153	·148	·150	....	*	*	....	·169	·182	·178	·181	·175	·178	31

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT: 50° 9' N. LONG: 5° 4' W

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	30.027	30.011	29.987	29.967	29.959	29.944	29.933	29.929	29.929	29.937	29.942	29.918	29.9
2	29.972	29.972	29.985	29.996	29.995	30.002	30.008	30.008	30.020	30.040	30.036	30.025	30.0
3	30.052	30.058	30.064	30.074	30.078	.080	.087	.105	.105	.106	.128	.126	.1
4	.196	.195	.207	.213	.221	.236	.245	.263	.278	.293	.293	.293	.2
5	.324	.316	.316	.308	.304	.302	.302	.310	.322	.326	.343	.335	.3
6	.339	.339	.335	.319	.317	.325	.337	.343	.345	.353	.353	.349	.3
7	.393	.399	.403	.404	.399	.395	.403	.419	.417	.441	.443	.427	.4
8	.417	.419	.415	.409	.403	.411	.421	.434	.454	.457	.452	.438	.4
9	.402	.408	.416	.400	.394	.402	.410	.410	.408	.413	.414	.394	.3
10	.327	.319	.315	.311	.307	.309	.304	.299	.297	.301	.307	.302	.2
11	.250	.244	.234	.226	.216	.210	.198	.194	.198	.198	.187	.159	.1
12	.041	.053	.043	.046	.043	30.045	30.051	30.069	.091	.103	.109	30.109	30.0
13	30.064	30.053	30.037	30.021	30.009	29.993	29.993	29.994	30.001	30.011	30.020	29.998	29.9
14	29.958	29.955	29.954	29.936	29.928	.928	.924	.906	29.908	29.910	29.900	.884	.8
15	.710	.685	.660	.638	.606	.582	.568	.548	.532	.515	.500	.462	.4
16	.400	.384	.376	.366	.362	.358	.358	.358	.363	.374	.377	.371	.3
17	.385	.389	.403	.403	.405	.414	.423	.445	.455	.473	.475	.456	.4
18	.506	.502	.492	.478	.462	.446	.430	.408	.388	.375	.359	.331	.3
19	.363	.361	.373	.365	.367	.383	.399	.415	.431	.447	.468	.448	.4
20	.178	.168	.162	.156	.168	.202	.223	.223	.213	.216	.222	241	.2
21	.581	.607	.635	.641	.662	.685	.717	.752	.787	.835	.858	.863	.8
22	.762	.720	.708	.702	.680	.665	.665	.654	.664	.665	.665	.658	.6
23	.444	29.452	29.452	29.448	29.442	29.438	.438	.438	.422	.408	.390	.350	.3
24	.010	28.980	28.966	28.958	28.958	28.994	.040	.102	.146	.194	.219	.227	.2
25	----------	----------	----------	*	----------	----------	----------	.443	.467	.495	.573	.521	.5
26	.589	29.575	29.573	29.557	29.517	29.501	.489	.475	.461	.449	.449	.409	.3
27	.117	.109	.097	.103	.108	.121	.133	*	*	.209	.236	.225	.2
28	.292	.296	.310	.312	.317	.320	.326	.330	29.344	29.355	29.354	29.347	29.3
29	.271	.263	.253	.231	.203	.159	.106	.051	28.979	28.939	28.914	28.875	28.8
30	.194	.156	.144	.144	.134	.126	.132	.152	29.158	29.188	29.210	29.224	29.2
31	29.688	29.726	29.762	29.785	29.820	29.858	29.904	29.955	30.010	30.050	30.075	30.094	30.1

DRY BULB THERMOMETER

11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	ME
1	49.5	50.0	50.5	50.5	49.8	50.0	50.4	50.8	51.4	51.7	52.6	53.3	53.1	52.6	52.1	51.8	51.4	50.4	50.6	50.9	48.7	48.3	47.7	47.0	50
2	45.9	45.4	43.7	43.7	44.4	44.0	44.4	44.6	46.9	46.6	47.9	48.1	49.1	49.3	50.0	51.3	50.6	50.5	50.7	50.7	51.4	51.4	51.2	50.1	48
3	49.7	48.2	47.6	48.0	49.1	49.6	49.8	50.2	50.7	51.5	52.0	52.2	52.6	52.8	52.2	51.7	51.3	51.2	51.2	51.0	51.0	50.6	50.6	50.3	50
4	50.7	50.4	50.4	50.7	50.8	50.7	50.7	50.8	51.1	51.6	52.3	52.7	53.0	53.0	52.5	51.8	51.4	51.1	51.0	50.7	50.8	50.9	50.9	51.0	51
5	50.6	50.7	50.8	50.7	50.7	50.7	51.0	50.9	51.1	51.8	52.5	52.7	53.3	53.7	52.4	51.6	50.4	49.6	49.0	48.7	49.2	48.9	49.2	49.5	50
6	50.0	50.1	50.3	50.3	50.5	50.6	50.5	50.5	50.7	51.2	51.6	51.6	52.0	51.3	51.3	50.7	50.4	50.0	49.8	49.6	49.6	49.6	49.5	49.4	50
7	49.3	49.2	49.3	49.3	49.3	49.2	49.4	49.3	49.1	49.5	50.4	50.8	51.0	50.7	50.4	49.7	49.7	49.7	49.8	50.2	50.2	50.0	50.2	50.4	49
8	50.5	50.3	50.0	50.0	50.1	50.1	50.0	49.9	50.1	50.5	50.8	51.0	51.1	50.8	50.6	50.4	49.9	50.0	49.6	49.3	49.0	48.9	49.1	49.3	50
9	49.6	49.0	48.8	48.7	49.4	50.4	50.5	50.1	51.0	51.6	51.9	52.4	52.4	52.2	52.4	51.7	51.4	51.3	51.8	51.6	52.4	52.4	52.2	52.3	51
10	52.3	52.4	52.6	52.4	52.2	52.1	51.9	51.4	51.0	51.5	52.0	52.2	52.7	52.4	52.5	52.4	52.0	51.8	51.5	50.2	49.4	47.8	46.7	46.4	51
11	46.3	45.7	45.6	44.9	46.7	47.6	48.0	48.0	47.4	49.1	50.0	50.4	50.1	49.1	49.2	48.8	47.6	46.9	47.2	47.6	48.1	48.4	48.4	48.3	47
12	48.3	49.2	48.7	48.7	50.2	50.4	50.7	50.6	49.8	49.9	50.4	50.7	50.7	50.1	50.0	49.6	49.5	49.6	49.6	49.3	49.3	49.3	49.4	49.3	49
13	49.3	48.9	49.7	50.3	50.0	49.1	49.6	49.9	50.0	50.8	51.7	52.0	52.4	51.8	51.7	51.7	51.6	50.7	50.3	50.6	50.5	50.0	50.2	50.1	50
14	50.0	50.6	49.8	49.9	50.4	50.5	50.4	50.7	51.0	51.3	51.7	52.1	52.2	51.6	51.6	51.2	50.9	51.1	51.1	51.2	51.2	51.1	51.2	51.0	51
15	51.3	51.0	51.1	51.2	51.2	51.3	51.4	51.3	51.3	51.6	51.4	51.8	52.1	51.3	50.3	49.8	49.2	48.7	48.2	48.1	48.7	48.9	49.0	49.2	50
16	49.0	49.5	49.4	49.4	49.2	49.3	47.5	47.6	47.8	48.7	49.2	50.9	50.6	50.3	49.7	49.7	49.3	48.5	48.0	47.9	47.7	45.8	43.3	42.0	46
17	41.4	41.1	40.3	40.1	39.6	39.5	39.0	38.9	39.2	39.2	39.0	38.9	36.3	38.4	38.6	38.5	38.0	37.8	37.5	37.8	38.0	38.5	38.7	38.5	39
18	38.7	36.8	37.5	37.0	38.1	38.7	41.7	44.7	45.7	46.3	47.7	49.7	50.0	46.3	47.6	47.9	47.9	46.2	46.5	45.7	45.6	45.8	44.6	45.4	46
19	45.0	44.1	44.1	43.9	43.0	43.9	44.1	43.2	43.6	43.6	44.7	45.2	45.1	45.3	45.0	44.6	44.3	44.2	44.0	43.6	43.4	44.1	44.7	46.2	46
20	52.6	52.6	52.9	52.7	52.0	48.3	45.6	44.6	44.1	43.5	43.3	42.7	43.3	43.1	43.7	42.5	42.5	42.2	42.5	42.6	42.6	41.8	43.0	42.8	42
21	43.4	43.7	44.7	45.4	45.3	46.7	45.8	45.6	45.9	46.0	47.1	47.5	47.9	47.4	47.0	46.3	46.3	47.2	47.9	48.6	46.7	45.9	46.0	46.0	46
22	46.6	48.3	50.4	51.3	51.7	51.9	51.7	51.8	52.3	52.4	52.7	52.9	52.9	53.1	53.2	53.0	53.0	53.3	53.4	53.4	53.4	53.3	53.4	53.6	52
23	53.0	52.5	51.6	52.0	51.9	51.6	51.6	51.5	51.4	52.1	52.6	52.9	52.9	52.5	52.3	52.1	52.0	50.7	50.1	50.4	50.4	45.9	47.3	49.0	51
24	48.7	48.9	48.4	48.6	48.7	48.3	48.6	48.7	49.0	49.3	50.7	51.0	49.7	46.9	48.7	46.6	45.0	44.8	44.3	43.6	43.3	42.3	41.6	41.3	47
25	41.0	40.6	40.3	39.8	39.6	39.3	39.4	39.0	38.7	39.6	40.2	40.7	41.1	41.9	40.9	40.0	37.8	37.5	37.9	37.6	38.5	38.4	37.5	38.5	36
26	38.9	38.8	38.5	37.9	37.9	37.0	36.7	37.3	41.9	43.5	43.7	44.0	42.7	41.4	41.5	41.0	42.1	43.4	45.4	47.7	48.0	49.8	50.7	50.3	4
27	50.8	50.5	51.2	51.3	51.1	51.3	51.2	51.3	51.4	51.9	52.4	53.0	53.0	52.9	52.6	52.8	52.7	51.8	52.3	52.1	52.3	52.5	52.5	52.3	52
28	52.2	51.9	52.0	51.7	51.9	52.0	51.5	51.7	51.7	51.6	52.4	52.9	53.0	53.3	53.3	52.5	52.0	52.0	52.0	52.0	52.0	51.9	51.5	50.9	52
29	51.0	50.9	50.6	50.6	50.0	49.6	51.1	50.9	51.1	51.9	52.0	52.3	51.6	46.3	44.0	44.2	43.7	43.0	42.3	42.0	41.5	40.8	40.1	40.5	4
30	41.2	42.7	42.4	40.5	40.5	41.5	41.2	41.0	41.3	40.9	41.4	41.6	41.9	41.9	40.5	40.3	40.3	40.3	39.7	38.5	38.7	38.6	38.1	37.8	4
31	37.0	37.8	36.5	40.0	40.2	40.5	40.4	40.0	40.5	41.1	42.0	42.4	42.6	42.6	42.3	42.3	41.0	41.4	41.7	42.6	42.0	42.5	43.0	41.9	4

* Record defective or Instrument out of action † Reading of Standard ‡ Approximate

HOURLY VALUES DECEMBER 1880.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
898	29·892	29·894	29·896	29·902	29·902	29·904	29·914	29·930	29·946	29·965	29·935	1
900	29·996	29·998	30·010	30·018	30·025	30·034	30 040	30 045	30·054	30·058	30·014	2
127	30·128	30·135	·141	·161	·181	·189	·189	·189	·187	·195	30·125	3
280	·282	·292	·304	·314	·316	·322	·324	·326	·322	·328	30·276	4
321	·315	·311	·315	·314	·319	·327	·339	·335	·337	·337	30·321	5
337	·341	·341	·361	·375	·379	·384	·391	·392	·389	·394	30·353	6
407	·413	·419	·425	·421	·419	·427	·431	·431	·421	·421	30·417	7
406	·402	·405	·414	·418	·428	·432	·430	·422	·416	·414	30·423	8
385	·375	·369	·375	·381	·377	·381	·376	·357	·349	·347	30·389	9
282	·284	·288	·282	·278	·284	·289	·286	·283	·280	·264	30·295	10
121	·107	·097	·087	·075	·077	·069	·059	·054	·049	·044	30·146	11
093	30·095	30·101	30·103	30·094	30·093	30·089	30·085	30·083	30·077	30·077	30·079	12
976	29·984	29·980	29·982	29·988	29·995	29·994	29·982	29·974	29·976	29·972	29·999	13
850	·830	·825	·812	·808	·800	·790	·790	782	·762	·744	29·865	14
444	·454	·462	·462	·462	·460	·450	·444	435	420	·414	29·515	15
355	·353	·351	·351	·351	·349	·357	·357	·365	·375	·386	29·365	16
448	·452	·458	·465	·482	·484	·484	·494	·498	·505	·510	29·452	17
319	·311	·321	·321	·325	·329	·337	·343	·351	·353	·356	29·382	18
420	·403	·388	·386	·390	·370	·356	·328	·322	·278	·228	29·380	19
301	·352	·399	·419	·462	·491	·517	·539	·551	·569	·577	29·326	20
872	·890	·892	·880	·872	·868	·860	·860	·838	·816	·802	29·789	21
630	·605	·588	·572	·548	·540	·512	·480	·462	·444	·435	29·611	22
276	·280	·180	·132	·112	·090	·078	·075	·075	·060	·034	29·282	23
257	·283	·318	·335	·365	·378	·393	·391	·407	*	*	29·206	24
581	·551	·661	·579	·601	·609	·609	·609	·613	·615	·605	29·607	25
329	·283	·279	·247	·225	·191	·161	·157	·151	·145	·131	29·363	26
208	·220	·224	·225	·240	·252	·265	·268	·278	·288	·292	29·199	27
319	29·823	29·321	·323	·319	·313	·311	·307	·295	·293	·294	29·319	28
873	28·932	28·985	·030	·072	·120	·162	·194	·232	·238	·222	29·090	29
264	29·308	29 350	29·384	29·424	29·465	29·510	29·548	29·594	29·620	29·660	29·305	30
137	30·155	30·168	30·182	30 192	30·204	30·212	30·222	30·238	30·242	30·244	30·043	31

WET BULB THERMOMETER 11 FEET ABOVE GROUND

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
48.8	48.9	49.3	48.9	48.8	49.3	49.5	50.2	50.3	50.8	50.1	50.4	50 0	50.0	50.0	49.7	49.6	50.0	50.4	48.3	47.6	47.2	46.0	49.3	1
44.3	42.7	42.7	43.2	42.7	43.2	43.3	45.0	45.5	46.7	47.4	48.4	46.8	49.6	50.9	50.4	50.3	50.5	50.6	51.3	51.2	50.9	499	47.3	2
48.0	47.3	47.9	48.4	48.5	48.9	49.1	49.8	50.0	50.2	50.3	49.5	49.4	49.4	48.9	48.6	48.6	48.8	48.9	48.9	48.8	49.3	49.2	49.0	3
48.6	49.°	49.7	49.7	49.6	49.3	498	50.3	50.5	50.6	50.2	51.5	51.6	51.1	50.1	49.6	49.2	49.5	49.3	46.6	46.5	46.6	48.0	49.7	4
49.3	49.0	48.8	49.0	48.7	48.7	48.8	48.9	48.5	49.6	49.9	50.7	60.9	50.0	49.6	48.3	47.8	47.6	47.5	48.1	47.7	48.1	48.3	48.9	5
48.7	48.7	48.4	48.4	48.3	48.4	46.2	48.0	46.3	46.5	48.4	48.7	46.3	46.6	48.0	48.0	47.6	47.0	47.3	47.4	47.0	47.3	47.3	48.1	6
46.7	46.7	46.9	46.5	46.5	47.0	46.9	46.6	47.0	48.0	48.0	48.4	48.3	48.2	47.5	47.6	47.4	47.6	47.8	48.1	48.0	48.0	48.3	47.5	7
48.4	48.3	48.4	48.7	48.5	48.4	48.4	48.4	48.7	48.9	48.8	49.0	48.8	48.7	48.6	48.7	48.9	48.8	48.3	48.1	47.3	46.4	46.7	48.4	8
46.7	46.6	46.4	47.7	48.4	48.7	49.1	50.1	50.8	51.1	51.5	51.6	67.4	61.4	50.8	50.6	50.4	50.3	50.4	51.5	51.5	51.4	51.5	49.9	9
51.6	57.6	51.5	51.5	57.4	51.0	50.2	49.4	44.8	50.1	50.2	50.7	60.8	60.9	50.9	50.9	50.7	60.1	48.7	47.7	46.4	44.9	44.5	49.9	10
44.3	43.7	43.2	44.8	45.3	46.4	46.7	46.4	47.5	48.2	48.5	49.0	47.9	47.5	46.7	45.9	45.4	45.4	46 3	46.5	47.2	47.1	47.0	46.3	11
47.4	47.3	47.4	48.9	49.2	49.4	49.5	48.5	47.9	47.7	47.6	47.3	46.4	46.6	46.5	46 1	46.3	46.7	46.1	46.6	46.7	46.9	47.2	47.4	12
47.4	48.3	48.5	47.9	47.3	47.7	47.9	48.3	48.4	49.3	49.4	49.8	49.4	49.4	50.0	50.0	49.0	48.7	48.9	48.7	48.3	48.4	48.3	48.6	13
48.4	47.7	47.7	47.4	47.6	48.4	48.7	49.3	49.6	50.2	50.3	50.4	50. 3	49.8	50. 0	49.8	50.2	50.2	50.3	50. 3	50. 3	50. 4	50. 3	49.4	14
50.3	50.3	50.4	50.4	50.4	50.6	50.4	50.3	50.4	50.8	51.5	51.7	50.3	48.4	46.1	47.4	47.2	46.6	46.7	47.2	47.1	47.3	47.7	49.2	15
48.0	47.5	47.6	47.4	47.7	46.3	46.4	46.9	47.7	48.0	49.3	48.7	48.6	48.1	48.0	47.8	47.0	46.9	47.0	46.4	44.7	42.7	41.4	47.0	16
40.4	39.5	39.3	38.7	38.4	38.0	37.5	37.6	37.4	37.1	36.6	36.3	36.4	36.6	36.4	36.3	36.3	36.0	36.0	36.4	36.7	36.9	36.9	37.4	17
34.5	34.6	34.2	34.6	36.2	38.7	41.6	44.0	45.5	46.0	47.6	47.7	44.9	45.4	45.0	45.0	43.5	43.9	43.0	43.2	43.5	42.4	42.6	41.9	18
41.4	40.7	40.0	40.6	39.8	40.7	40.6	40.4	40.5	41.2	41.5	41.7	42.6	43.4	43.4	43.4	43.3	43.0	42.5	42.4	43.4	44.0	46.0	42.0	19
52.0	52.3	52.3	51.5	47.3	45.0	43.8	43.4	42.7	42.6	41.7	42.0	41.3	42.0	40.2	40.4	39.7	40.3	40.4	40.5	40.3	41.2	40.9	44.0	20
40.9	41.7	42.3	42.4	42.9	43.5	43.2	42.9	42.8	43.3	43.5	44.1	43.7	44.0	43.7	43.7	44.0	44.7	46.0	43.5	43.5	44.4	44.9	43.4	21
47.5	50.0	50.9	51. 3	51.4	51. 3	51. 2	51.4	51.4	51.5	51.5	51.4	51.7	51.5	51 4	51. 7	52.0	52.2	52. 3	52.4	52.7	52.7	52.5	51.2	22
51.4	50.4	50.5	50. 5	50.3	51. 3	50.1	49.5	50.4	50.9	51.0	50.9	50. 3	50 3	50. 3	50.5	46.1	47.8	47.6	47.6	44.2	45. 7	46.5	49.5	23
47.3	46.4	47.1	46.5	46.6	47.0	46.9	47.0	47.0	48.5	48.4	48.0	46.9	45.6	43.7	41. 3	41.5	40. 3	38.8	37.4	36. 3	36.5	36.1	44.1	24
36. 3	36.3	36.1	36.1	35.0	34.8	33.8	34.0	34.0	34.5	35.2	35.6	35. 9	35.4	36.0	34.6	34.0	34.1	33.7	34.4	34.5	33.5	33. 9	34.9	25
34.5	34.4	34. 3	35. 0	33 9	33.7	34.0	37.8	39.4	39. 5	39.4	39.4	38. 7	38.9	39. 7	40.9	42.5	44.9	47.4	47.7	49.5	50. 3	49.6	40. 0	26
49.6	50.6	50. 5	50. 3	50. 3	50. 1	50. 2	50. 2	50. 8	51. 3	51. 6	52. 0	51. 9	51. 7	51. 8	51. 6	52. 0	51. 2	51. 0	51. 4	51 3	51. 3	51. 2	51. 0	27
50.6	50. 9	50. 7	51. 0	51. 0	50. 4	50. 6	50. 6	50. 4	51. 1	51. 6	51. 6	51. 7	51. 6	51. 3	50. 6	50. 6	50. 6	50. 4	50. 7	50. 9	50. 7	49. 7	50. 8	28
49.5	49.5	49.5	49.3	48 9	50. 4	50. 3	50. 4	51. 2	50. 7	50. 8	50. 4	45. 1	42. 5	42. 2	41. 4	38. 9	38. 4	38. 0	38. 2	37. 3	37. 1	37. 8	45. 3	29
41.4	40.7	38. 7	39. 3	39. 7	39. 4	39. 6	40. 0	39 3	40. 0	40. 3	40. 0	39. 5	38. 5	38. 4	36. 1	38. 1	38. 0	36. 4	35. 9	35 5	34. 9	34. 7	38. 6	30
34.5	35.5	36. 5	36. 8	37. 1	36. 8	36. 7	35. 9	*	36. 6	37. 2	36. 9	37. 1	37. 5	38. 0	37. 3	37 3	37. 3	38. 3	38. 4	39. 0	39. 6	39. 6	37. 1	31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

2154

FALMOUTH OBSERVATORY LAT: 50° 9' N. LONG: 5° 4' W.

WIND DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S 32 = N. }

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1	16	19	16	14	17	15	17	15	17	11	17	16	17	16	17	19	17	15	18	14	19	20	20	22	21	22
2	31	10.5	1	6.5	1	4	1	3	1	4	1	2	1	2	1	4	1	3	8	7.5	10	12	12	15	12	13
3	19	6.5	19	9.5	19	7.5	19	6.5	19	11	19	12	19	11	19	9.5	18	12	17	15	18	11	19	11	21	17
4	21	7.5	21	9.5	21	8.5	21	6.5	21	5.5	21	4.5	21	4.5	21	8.5	21	5.5	21	5.5	21	5.5	21	5.5	20	6.
5	19	9.5	18	9.5	18	10.5	18	12	18	12	18	12	18	14	18	10.5	18	11	18	12	18	12	19	12	20	14
6	20	6.5	20	5.5	20	8.5	20	11	20	11	21	7.5	22	6.5	22	10.5	22	11	21	10.5	22	13	22	15	22	13
7	22	5.5	22	4.5	22	4	22	3	22	3	21	4.5	15	5.5	15	7.5	14	9.5	14	5.5	14	4.5	14	5.5	14	7.
8	16	8.5	16	4	16	4	16	3	16	2	16	2	16	3	16	3	16	4	16	4	17	5.5	22	6.5	22	7.
9	25	12	25	9.5	25	11	25	16	24	13	25	15	26	17	26	16	25	16	26	17	26	22	26	21	26	22
10	26	27	26	22	26	20	27	20	27	16	27	15	27	18	26	18	26	21	26	20	26	24	26	23	27	20
11	28	6.5	28	6.5	28	8.5	28	7.5	28	6.5	28	5.5	27	6.5	27	8.5	26	9.5	26	9.5	28	8.5	26	9.5	26	16
12	26	14	26	17	26	11	26	10.5	26	16	26	16	26	16	26	13	28	11	28	8.5	28	9.5	27	13	28	13
13	25	19	25	22	25	22	25	24	25	25	25	26	25	24	25	25	26	23	25	23	25	29	25	27	25	25
14	25	26	26	27	25	24	25	24	25	22	24	17	23	16	24	17	23	18	24	21	25	28	25	26	25	26
15	21	28	21	29	21	30	21	30	21	29	21	32	21	30	20	30	20	32	20	27	20	39	21	36	23	29
16	23	23	22	25	23	24	22	21	23	17	22	19	25	16	24	13	22	12	23	5.5	24	12	24	8.5	24	7.
17	4	26	2	27	2	24	2	22	2	21	32	22	32	27	1	22	2	21	32	18	1	22	2	27	32	27
18	30	5.5	28	8.5	28	7.5	23	8.5	21	8.5	23	11	21	14	20	25	20	29	20	34	22	28	21	35	22	40
19	24	23	24	30	24	26	24	26	24	23	24	25	24	21	24	27	24	20	25	22	25	16	25	12	25	9.
20	20	42	20	44	21	46	21	39	23	24	29	13	29	10.5	32	9.5	32	10.5	31	13	30	19	31	21	31	17
21	25	28	26	27	25	27	26	25	25	26	25	22	26	19	27	18	28	15	29	14	29	20	28	11	29	8.
22	15	25	16	18	21	13	22	18	22	24	22	27	22	28	22	32	22	31	22	33	22	37	22	34	21	29
23	22	32	22	28	22	29	22	31	22	28	22	23	21	24	21	24	21	26	20	21	20	28	20	29	19	27
24	21	31	21	32	21	31	23	29	24	36	26	31	26	27	26	25	26	19	25	16	25	21	25	22	25	19
25	30	10.5	30	10.5	31	8.5	31	10.5	31	7.5	31	13	29	16	29	14	30	14	30	14	29	21	29	17	29	14
26	23	6.5	23	6.5	23	5.5	23	4	23	4.5	23	4	23	4.5	24	4	10	16	13	18	14	25	13	26	13	26
27	20	26	20	28	22	26	22	30	21	34	22	33	22	30	21	28	22	31	22	25	21	25	20	28	20	28
28	20	29	20	30	20	27	20	25	20	28	20	19	19	16	19	20	19	18	19	18	20	22	20	21	20	19
29	19	20	19	15	18	11	18	8.5	19	7.5	16	16	15	24	14	26	13	36	16	29	18	36	18	28	20	16
30	19	9.5	19	15	23	19	24	19	24	5.5	23	12	23	11	28	6.5	25	11	25	12	24	10.5	28	8.5	28	10.
31	28	11	28	13	27	13	28	16	29	16	29	18	30	22	30	28	30	28	30	23	30	24	30	25	30	26

RAINFALL RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.030	.030	.	.	.
2	.005	.	.	.	.	.	.	.	.	.025	.010	.005	.025	.010	.025	.005	.	.	.005	.	.	.	.	.005
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.005	.	.	.	.005
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.	.	.	.	.005	.	.	.005	.	.
12	.	.005	.	.	.005	.	.	.015	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.005	.010	.	.005	.	.	.
15	.	.010	.050	.060	.140	.065	.020	.030	.020	.010	.100	.090	.040	.	.	.	.	.	.	.	.	.	.	.030
16	.	.	.005	.015	.	.	.050	.060	.010	.	.	.	.	.	.	.	.	.010	.015	.075	.075	.105	.140	.180
17	.100	.050	.050	.035	.030	.020	.015	.005	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.140	.	.	.010	.080	.	.	.	.	.015	.	.005	.005	.005	.
19	.010	.	.	.005	.005	.	.	.020	.	.	.	.	.	.	.005	.020	.035	.080	.075	.015	.070	.100	.126	.215
20	.080	.180	.080	.030	.035	.005	.	.050	.040	.110	.095	.005	.	.	.	.	.	.	.	.	.	.060	.090	.070
21	.005	.015	.	.	.060	.	.010	.015	.	.	.	.	.	.	.	.	.	.	.	.	.020	.050	.050	.050
22	.150	.100	.010	.005	.010	.015	.010	.005	.	.005	.	.	.	.	.	.	.	.	.	.	.	.010	.040	.
23	.025	.015	.	.	.	.005	.	.	.	.005	.	.	.	.	.	.	.	.030	.030	.010	.	.030	.060	.170
24	.010	.050	.005	.	.005	.030	.110	.	.	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.005	.	.005	.	.	.	.	.020	.025	.030	.010	.015	.030	.270	.090	.020	.040	.050
27	.	.010	.040	.030	.010	.	.010	.	.005	.005	.	.010	.020	.020	.005	.015	.	.140	.	.	.015	.005	.010	.010
28	.	.	.	.005	.	.005	.005	.	.015	.	.	.	.	.	.	.	.	.	.	.	.	.015	.005	.
29	.	.005	.005	.	.170	.200	.180	.180	.190	.100	.020	.	.	.005	.015	.	.	.	.	.	.	.	.	.
30	.050	.010	.100	.030	.020	.040	.010	.	.005	.015	.	.040	.020	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

* Record defective or Instrument out of action † Obtained from reading of Standard ‡ Approximate

HOURLY VALUES DECEMBER 1880.

AND VELOCITY IN MILES PER HOUR.

3		4		5		6		7		8		9		10		11		MIDT.		DAYS
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
20	21	18	21	12	21	16	21	12	21	13	21	12	31	13	30	13	30	10.5	30	9.5	1
14	12	8.5	12	2	12	3	12	3	12	2	12	3	18	6.5	19	5.5	19	5.5	19	4.5	2
11	22	10.5	22	10.5	21	8.5	21	6.5	21	4	21	4.5	21	5.5	21	7.5	21	8.5	21	7.5	3
8.5	19	10.5	19	9.5	19	11	19	9.5	19	12	18	13	18	11	18	9.5	18	10.5	19	11	4
15	20	14	20	11	20	12	20	7.5	20	5.5	20	3	20	4	20	6.5	20	5.5	20	6.5	5
12	22	7.5	22	6.5	22	7.5	22	5.5	22	6.5	22	4	22	4	22	4.5	22	4.5	22	4	6
11	17	12	16	13	17	10.5	15	14	16	12	16	13	16	11	16	10.5	16	10.5	16	9.5	7
8.5	23	9.5	24	8.5	24	9.5	23	8.5	25	13	25	12	26	9.5	26	12	25	12	25	10.5	8
20	27	20	26	18	27	18	27	17	27	15	26	19	26	22	26	21	26	24	26	25	9
16	27	17	27	18	27	18	27	20	29	15	28	12	28	9.5	28	10.5	28	8.5	28	8.5	10
17	25	16	24	11	24	14	24	13	26	15	26	16	26	12	26	14	27	12	26	14	11
12	27	7.5	27	9.5	26	14	26	12	26	12	26	14	26	16	26	19	26	22	26	17	12
26	26	26	26	24	26	27	26	26	26	18	26	24	25	25	25	28	25	25	25	27	13
22	24	24	24	21	24	23	24	23	24	23	24	22	24	20	23	18	23	17	23	19	14
25	25	20	24	15	24	14	23	14	23	13	22	14	23	16	23	17	22	19	22	24	15
4.5	26	4.5	29	5.5	2	10.5	2	11	2	12	6	26	6	33	6	35	5	33	5	33	16
26	32	22	1	25	32	20	32	16	31	16	32	17	31	11	31	11	31	7.5	30	6.5	17
30	23	26	23	28	24	30	24	26	23	20	24	25	24	23	23	23	23	23	24	26	18
9.5	23	7.5	23	6.5	23	6.5	24	8.5	30	5.5	31	4.5	6	7.5	11	9.5	10	12	12	18	19
16	30	14	30	15	29	12	26	14	26	14	23	17	26	21	25	18	25	23	25	25	20
7.5	31	2	8	5.5	14	8.5	14	12	15	15	15	22	15	25	14	26	15	29	14	26	21
25	21	24	20	32	20	33	20	34	20	31	20	37	20	35	20	39	20	39	20	40	22
30	19	30	18	25	19	30	20	36	20	33	21	38	21	37	22	31	22	28	20	32	23
16	27	15	30	16	29	14	28	16	29	14	29	15	29	15	30	17	30	18	30	12	24
15	29	9.5	27	8.5	27	10.5	27	10.5	26	8.5	26	7.5	25	8.5	24	12	23	10.5	23	10.5	25
30	11	33	13	31	11	29	11	25	10	15	25	10.5	22	14	22	20	21	26	20	30	26
32	20	31	20	27	19	31	20	27	20	32	20	27	19	29	19	30	19	30	19	33	27
23	19	20	19	22	18	19	18	18	18	20	18	20	18	25	18	26	20	25	19	16	28
31	28	32	28	29	27	27	26	30	26	29	26	26	26	17	25	14	24	8.5	24	6.5	29
15	32	11	32	10.5	32	5.5	32	6.5	29	7.5	29	9.5	28	7.5	28	10.5	28	8.5	28	10.5	30
22	30	16	30	13	27	12	28	11	28	13	28	12	28	9.5	28	6.5	27	12	27	10.5	31

VAPOUR TENSION

IN INCHES BY GLAISHER'S TABLES, 5TH EDITION

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
329	327	337	335	329	338	338	348	347	348	321	331	327	334	338	336	345	353	359	334	321	318	298	1
278	262	262	265	259	265	265	276	292	303	318	331	339	350	367	363	363	366	368	377	374	368	357	2
332	328	352	331	327	335	335	347	342	340	340	316	310	318	312	309	311	315	321	321	322	335	336	3
320	335	345	343	342	334	346	355	353	347	331	361	363	357	341	333	327	336	334	315	312	314	299	4
334	325	321	326	319	316	319	320	301	319	324	336	336	330	330	313	309	312	314	322	316	322	324	5
326	324	316	314	310	314	309	302	304	304	301	303	302	309	302	305	300	288	298	300	291	299	300	6
289	288	292	284	285	293	292	288	292	305	301	309	309	310	302	304	299	302	302	310	309	307	313	7
316	317	319	326	321	319	320	318	322	323	318	322	320	320	320	328	332	325	326	325	304	284	288	8
291	291	288	310	315	322	336	351	361	365	369	371	369	366	360	356	354	346	350	369	369	369	371	9
371	369	369	372	371	362	348	333	337	338	337	344	350	352	353	358	356	345	325	310	298	277	271	10
275	263	258	275	275	295	302	303	309	314	318	333	319	308	293	288	285	282	298	296	310	307	306	11
305	309	311	330	335	337	341	325	308	298	293	286	272	278	280	279	276	284	281	286	288	291	299	12
309	321	319	307	304	307	308	317	311	322	320	325	323	324	339	340	326	324	325	322	317	317	316	13
313	305	303	291	295	315	319	331	334	344	342	342	348	335	345	344	352	352	353	353	355	355	356	14
356	355	355	355	354	359	354	352	350	364	378	379	352	316	315	305	306	297	301	306	301	305	312	15
316	305	307	305	311	299	300	310	319	319	382	322	321	316	313	313	304	307	310	299	282	267	254	16
243	233	231	225	221	218	210	208	205	201	193	192	193	196	193	195	197	195	192	197	199	200	202	17
176	170	168	166	188	204	228	268	295	289	304	302	281	277	264	264	253	257	247	252	257	245	241	18
231	217	206	226	203	217	224	217	219	221	222	226	241	262	267	270	270	265	259	259	273	279	308	19
380	354	387	375	313	292	276	273	265	265	252	252	239	247	224	228	218	226	227	229	233	238	234	20
225	230	236	239	245	257	252	243	240	238	239	246	243	253	254	254	251	258	260	247	256	274	285	21
318	356	367	373	378	373	369	368	366	365	362	359	365	358	356	366	370	374	377	380	390	388	380	22
365	350	348	349	348	348	345	331	344	350	348	346	337	334	342	348	304	308	296	296	270	287	287	23
306	291	305	290	296	302	299	298	294	314	309	318	297	270	252	220	226	208	189	169	162	169	165	24
172	175	176	178	162	158	146	151	145	148	154	158	159	156	172	169	161	160	156	159	162	154	152	25
159	159	163	174	163	163	163	188	200	199	195	207	207	209	229	242	262	292	323	327	351	360	346	26
344	361	357	355	352	348	349	348	357	363	363	374	372	372	372	367	364	362	360	368	362	363	362	27
352	358	357	362	361	352	355	355	350	358	364	363	362	359	362	351	351	351	345	353	359	360	342	28
337	341	341	342	337	357	357	357	367	353	352	350	285	255	246	235	195	194	190	197	187	190	199	29
246	235	215	227	225	221	229	232	222	231	235	226	217	212	212	206	266	210	193	182	177	170	170	30
167	178	181	184	187	182	184	167	*	168	174	168	171	180	187	185	183	181	190	197	202	208	219	31

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT: 53° 51' N. LONG: 2° 28' W.

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.745	29.729	29.697	29.667	29.645	29.621	29.595	29.589	29.571	29.559	29.542	29.524	29.50
2	.716	.724	.738	.752	.772	.778	.786	.794	.806	.822	.827	.835	.83
3	.849	.839	.831	.819	.813	.813	.811	.813	.797	29.813	29.811	29.787	29.77
4	29.887	29.907	29.923	29.931	29.949	29.957	.969	29.983	29.997	30.007	30.008	30.003	30.00
5	30.024	30.014	30.008	30.012	30.002	30.000	.992	30.002	30.004	30.006	30.015	30.001	29.99
6	29.986	29.989	29.985	29.974	29.971	29.971	29.974	29.979	29.981	29.999	29.994	29.988	29.99
7	30.140	30.162	30.160	30.158	30.164	30.156	30.166	30.168	30.170	30.176	30.178	30.168	30.16
8	30.150	30.136	30.138	30.122	30.112	30.110	30.108	.102	.102	30.104	.085	30.071	30.05
9	29.917	29.927	29.933	29.961	29.973	29.985	29.995	30.009	30.007	29.999	30.006	29.998	29.97
10	.874	.854	.838	.830	.812	.802	.782	29.802	29.810	.836	29.850	.850	.83
11	.888	.898	.890	.868	.860	.864	.838	.814	.800	.788	.776	.734	.60
12	.556	.558	.568	.572	.576	.579	.582	.602	.616	.624	.624	.624	.63
13	.486	.468	.446	.429	.453	.464	.474	.488	.502	.506	.504	.498	.48
14	.424	.426	.442	.454	.466	.478	.490	.504	.502	.538	.539	.555	.55
15	29.489	29.451	29.399	.351	.303	.251	.209	.177	.151	.123	.103	.079	.04
16	28.980	28.984	28.990	.014	.048	.082	.100	.132	.170	.206	.233	.251	.26
17	29.453	29.459	29.465	.464	.459	.459	.459	.463	.469	.473	.465	29.445	29.42
18	29.301	29.279	29.253	29.223	29.195	29.161	29.139	29.115	29.087	29.063	29.003	28.959	28.90
19	28.837	28.843	28.845	28.835	28.831	28.841	28.851	28.865	28.879	28.901	28.904	28.908	28.92
20	28.986	28.990	28.988	28.984	28.984	28.988	28.992	29.009	29.038	29.054	29.053	29.059	29.08
21	29.171	29.197	29.225	29.253	29.303	29.351	29.400	.453	.499	.549	.572	.592	.61
22	29.604	29.588	29.568	29.546	29.496	29.468	.415	.384	.358	.322	.299	.273	29.24
23	28.905	28.921	28.921	28.947	28.971	28.983	29.003	29.011	29.021	29.025	29.016	29.004	28.97
24	28.622	28.616	28.622	.626	.624	.638	28.648	28.670	28.680	28.700	28.712	28.722	28.73
25	29.004	29.010	29.000	28.998	28.986	28.974	28.972	28.986	29.000	29.036	29.053	29.079	29.08
26	.229	.231	.231	29.225	29.221	29.221	29.221	29.221	.233	.247	.247	.237	.22
27	.081	29.063	29.037	29.019	29.001	28.991	28.989	28.999	.011	.041	.051	.059	.06
28	.028	28.993	28.962	28.948	28.945	28.947	28.959	28 997	29.021	29.071	29.084	29.092	29.09
29	29.022	29.022	29.022	29.020	29.010	29.009	29.001	29.002	28.984	28.966	28.946	28.888	28 82
30	28.744	28.796	28.824	28.846	28.864	28.880	28.898	28.926	28.938	28.962	28.980	28.992	29.00
31	29.412	29.430	29.444	29.496	29.528	29.592	29.634	29.696	29.716	29.738	29.740	29.762	29.78

DRY BULB THERMOMETER

7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEAN
1	40.2	40.0	40.7	42.2	45.6	46.9	47.0	46.1	47.1	47.6	48.8	48.2	47.0	47.8	45.4	45.4	45.1	44.8	44.9	44.1	44.0	43.1	43.0	42.0	44.
2	41.8	42.1	39.4	37.2	38.7	36.3	36.6	36.2	38.9	39.5	41.0	42.1	43.4	44.2	42.2	39.9	37.5	37.4	36.5	35.5	35.9	35.0	34.3	34.4	38.
3	36.1	37.3	38.3	40.0	39.3	39.0	38.5	39.0	40.1	41.1	42.4	44.2	45.5	47.3	46.8	47.0	46.0	47.8	47.0	46.1	46.0	46.1	45.5	44.1	43.
4	43.3	---	---	*	*	---	---	†41.7	*	41.5	42.4	43.1	47.5	47.4	47.5	48.1	48.1	47.7	47.0	45.5	43.9	43.7	44.0	44.8	44.
5	45.1	45.4	45.8	45.5	45.5	45.0	44.8	46.5	46.7	47.3	47.2	48.0	48.3	48.8	48.0	48.1	48.1	48.2	48.7	49.2	49.2	49.3	49.1	49.1	47.
6	48.9	49.1	49.0	49.1	49.0	49.0	49.1	49.1	49.2	49.1	49.8	50.2	50.1	49.5	49.1	48.9	48.4	48.1	48.3	48.0	48.0	47.9	48.0	47.9	48.
7	47.9	47.5	47.9	47.4	48.1	48.0	47.7	47.9	48.5	49.1	50.1	50.1	49.7	49.5	49.0	48.9	48.0	47.2	47.1	46.6	46.7	47.0	46.0	46.1	48.
8	46.1	45.6	45.4	46.0	46.0	46.9	46.5	46.7	46.8	46.4	46.0	46.3	46.2	46.1	46.3	47.0	46.5	46.9	47.0	47.3	47.0	47.0	47.1	47.1	47.9	46.
9	48.0	48.9	48.9	47.9	46.9	46.1	45.9	46.0	45.9	46.0	46.3	47.0	47.0	46.1	44.6	44.2	46.4	46.3	46.3	47.0	47.4	48.2	48.9	49.2	48.9	47.
10	48.9	48.8	49.2	49.2	49.1	49.8	50.1	49.8	50.0	49.2	48.1	48.6	48.3	47.1	46.8	46.9	45.9	46.0	46.5	45.3	46.0	46.2	45.4	45.5	47.
11	45.1	45.3	44.1	42.2	42.2	41.5	43.6	44.0	44.2	44.3	43.2	43.8	45.5	46.3	47.0	47.1	47.5	47.4	47.7	47.6	47.9	47.5	46.9	45.5	45.
12	45.4	44.2	44.0	43.9	42.9	43.4	43.1	43.8	43.6	44.1	45.4	46.0	46.3	45.1	45.0	44.5	44.7	45.0	45.3	44.7	46.1	47.1	47.1	47.2	44.
13	47.3	47.2	47.3	47.0	45.4	44.7	44.5	44.8	44.1	45.0	46.0	46.1	45.0	46.1	45.4	44.8	44.5	44.0	44.1	44.1	44.6	45.1	44.0	44.2	45.
14	43.5	42.3	41.2	39.5	38.9	39.0	38.2	38.1	37.8	37.8	37.1	37.5	37.1	36.7	36.2	36.3	36.0	34.9	34.7	33.2	33.9	34.1	35.0	35.0	37.
15	35.0	32.4	32.1	33.0	33.4	33.8	33.9	33.9	34.0	33.5	34.0	33.9	34.1	35.4	34.6	35.9	37.0	38.8	40.4	43.7	44.3	44.8	44.9	44.6	36.
16	44.7	44.5	44.4	44.0	37.5	37.6	37.4	37.2	37.9	37.8	38.2	38.3	39.4	39.3	38.4	37.6	37.0	35.1	35.0	34.0	33.1	32.5	32.8	32.2	37.
17	31.7	31.4	30.8	29.5	29.5	30.4	29.1	28.5	28.0	27.8	29.5	32.1	33.2	34.0	33.8	33.2	32.0	31.2	31.0	30.3	31.0	29.2	30.3	29.0	30.
18	29.9	27.5	29.8	28.2	28.8	29.2	30.9	31.3	32.2	32.4	31.8	33.8	34.0	34.8	35.5	35.8	34.9	35.9	36.1	36.1	36.4	36.2	36.0	35.0	33.
19	36.4	34.4	34.3	35.2	35.9	33.9	34.0	35.0	35.8	35.9	36.3	37.0	36.9	37.1	36.9	36.9	35.2	35.9	36.8	36.2	36.9	37.1	37.1	37.0	36.
20	37.2	37.3	37.4	36.9	35.4	35.9	35.9	35.4	35.1	36.1	35.5	36.1	37.4	36.8	36.2	36.5	35.5	35.0	35.4	35.8	34.7	35.1	34.0	34.1	35.
21	34.0	33.4	33.3	33.2	33.2	35.4	35.5	35.3	36.0	35.9	36.1	36.5	37.4	37.6	35.3	32.6	32.2	31.9	30.9	30.3	30.0	29.2	28.9	28.9	33.
22	28.4	29.0	29.5	29.5	29.1	30.1	31.4	33.0	34.7	34.0	34.3	33.8	33.5	33.2	33.3	33.2	34.0	34.2	34.0	34.1	34.9	36.2	44.2	46.4	33.
23	47.0	47.0	47.3	46.1	45.5	44.9	44.4	45.0	44.8	45.1	46.2	47.0	48.0	47.5	48.3	47.2	47.0	47.2	46.8	46.0	45.4	45.0	44.5	44.9	46.
24	44.2	44.8	44.4	44.2	44.5	44.5	44.3	44.2	44.1	43.9	42.6	42.9	41.9	41.2	40.3	39.9	39.1	37.7	35.2	35.0	34.0	34.1	33.4	32.9	40.
25	33.4	32.0	32.4	33.4	34.9	35.0	34.9	34.0	33.2	33.2	33.5	34.6	35.5	36.2	36.9	35.5	36.0	35.4	36.0	34.6	34.0	33.6	33.0	33.3	34.
26	32.0	31.7	30.9	30.0	33.6	33.8	33.4	29.0	30.0	33.0	32.0	34.2	34.4	34.0	33.5	32.3	31.0	30.5	30.6	30.5	30.9	30.7	28.0	27.8	31.
27	28.5	29.5	29.5	29.2	30.3	30.4	30.0	30.4	30.1	31.1	32.2	33.6	34.8	34.7	35.4	36.2	35.3	35.0	34.4	34.2	35.9	36.0	35.1	34.0	32.
28	35.0	34.9	35.9	37.1	36.0	35.9	35.2	39.7	38.0	37.3	37.6	37.3	37.6	38.0	38.0	36.3	36.3	36.4	36.2	36.3	36.7	36.9	37.0	38.6	36.
29	44.2	43.5	41.3	40.8	40.0	38.8	37.6	37.7	37.7	37.5	37.2	37.4	37.5	37.5	37.0	36.9	37.2	37.2	37.8	38.1	38.0	35.0	34.7	34.6	38.
30	34.2	35.0	35.2	34.2	34.1	34.6	35.0	34.3	34.9	34.5	35.4	36.5	37.2	37.0	36.5	34.5	33.9	35.0	34.1	34.1	33.6	34.0	31.6	31.1	34.
31	31.0	31.2	32.0	32.1	31.0	30.3	29.5	30.2	27.1	29.0	29.5	32.9	36.3	35.8	36.0	36.2	36.5	36.4	36.7	36.8	37.4	37.8	37.9	38.1	33.

* Record defective or instrument out of action. † Reading of Standard. ‡ Approximate.

HOURLY VALUES DECEMBER 1880.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
196	29.524	29.556	29.576	29.586	29.600	29.620	29.638	29.662	29.690	29.708	29.610	1
33	.831	.831	.841	.853	.863	.867	.869	.877	.873	.868	29.816	2
69	29.763	29.771	29.771	29.787	29.815	29.837	29.856	29.877	29.887	29.889	29.816	3
04	30.008	30.024	30.036	30.042	30.052	30.054	30.044	30.038	30.038	30.026	29.996	4
79	29.981	29.979	29.969	29.975	29.989	29.993	29.985	29.995	29.991	29.991	29.996	5
199	29.994	30.012	30.024	30.050	30.074	30.090	30.096	30.114	30.118	30.136	30.021	6
158	30.150	.156	30.158	.172	30.170	30.167	30.166	30.162	30.162	30.166	30.163	7
031	30.021	30.017	29.999	30.006	29.988	29.975	29.967	29.953	29.935	29.937	30.051	8
960	29.958	29.967	.945	29.948	.936	.944	.934	.908	.908	.901	29.958	9
832	.837	.856	.876	.880	.900	.904	.912	.908	.926	.922	29.855	10
670	.636	.620	.600	.586	.566	.570	.570	.570	.576	.578	29.718	11
610	.610	610	.604	.600	.576	.566	.538	.520	.510	.508	29.582	12
486	.488	.488	.488	.480	.472	.464	.430	.418	.416	.420	29.469	13
549	.565	.577	.581	.595	.605	29.593	29.577	.577	29.561	29.525	29.528	14
020	.016	.032	.038	.028	.008	28.998	28.996	.002	28.994	28.988	29.136	15
283	.305	343	.357	.375	.397	29.413	29.421	.431	29.441	29.445	29.236	16
413	29.407	29.403	29.397	29.387	29.384	29.381	29.361	29.353	29.335	29.321	29.421	17
861	28.839	28.869	28.861	28.869	28.859	28.847	28.845	28.847	28.839	28.843	29.002	18
936	28.948	28.971	28.980	28.978	28.972	28.964	28.980	28.972	28.990	28.990	28.914	19
047	29.057	29.067	29.063	29.079	29.101	29.113	29.121	29.131	29.133	29.147	29.051	20
622	.634	.646	.658	.662	.668	.666	.656	29.646	29.642	29.636	29.573	21
219	29.197	29.183	29.157	29.149	29.121	29.089	29.047	28.997	28.961	28.933	29.276	22
932	28.914	28.886	28.856	28.820	28.778	28.740	28.710	28.680	28.650	28.638	28.888	23
762	28.794	28.842	28.872	28.886	28.938	28.956	28.976	29.000	29.008	29.010	28.778	24
111	29.123	29.147	29.165	29.185	29.201	29.213	29.229	.237	.237	.229	29.094	25
213	.201	.199	.191	.173	.165	.157	.145	.133	.123	.103	29.200	26
085	.099	.105	.109	.127	.133	.121	.117	.111	.099	.075	29.066	27
092	29.090	29.088	29.086	29.086	29.086	29.078	29.056	29.046	29.030	29.024	29.038	28
770	28.696	28.632	28.582	28.532	28.486	28.464	28.492	28.578	28.632	28.702	28.804	29
024	29.064	29.102	29.132	29.168	29.204	29.250	29.288	29.326	29.364	29.384	29.040	30
755	29.766	29.784	29.796	29.816	29.827	29.840	29.852	29.856	29.860	29.878	29.707	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
38.7	39.5	40.9	43.7	44.4	44.0	43.7	44.5	45.1	45.3	46.0	46.2	47.0	44.1	44.1	43.8	43.0	43.2	42.3	41.9	41.8	42.0	40.7	43.1	1
40.0	38.5	36.5	38.0	37.9	38.1	37.7	38.3	39.0	40.0	41.0	42.1	41.5	40.2	39.0	36.1	36.2	35.9	34.9	35.1	34.3	33.6	33.8	37.8	2
35.9	36.9	38.2	38.6	38.4	38.0	38.4	39.7	40.5	41.9	43.6	45.0	46.1	46.3	46.9	47.6	47.4	46.3	45.5	45.1	45.0	44.2	43.0	42.2	3
----	----	*	----	----	----	44.4	*	41.0	42.1	43.0	47.3	47.1	47.0	47.3	47.1	46.4	45.5	44.3	43.0	42.7	42.4	43.0	43.2	4
43.6	43.9	43.9	44.0	43.5	43.4	44.9	44.9	45.4	45.5	46.1	46.8	47.0	47.5	47.5	47.8	48.0	48.3	48.9	48.9	49.0	48.9	48.9	46.2	5
48.9	48.9	49.0	48.9	48.9	49.0	48.9	48.9	48.8	48.9	49.0	48.9	48.3	48.0	47.9	47.7	47.8	48.0	47.7	47.7	47.4	47.8	47.6	48.4	6
47.4	47.9	47.4	48.0	48.0	47.2	47.3	48.0	48.7	49.2	49.0	49.1	49.0	48.5	48.0	47.0	46.1	46.0	45.9	45.8	45.2	45.0	45.0	47.3	7
44.6	44.5	44.5	45.2	45.1	44.7	44.9	44.4	44.1	43.4	43.8	44.0	43.9	43.3	44.0	44.2	44.9	45.2	45.8	45.9	46.2	46.8	47.2	44.8	8
48.2	47.9	46.2	45.5	44.4	44.2	44.2	43.5	43.9	44.1	44.7	44.3	44.7	44.8	45.0	44.6	44.9	45.3	46.0	47.0	47.8	48.1	47.9	45.6	9
48.2	48.8	48.9	48.8	48.9	49.6	49.1	49.2	47.0	45.5	45.0	45.0	44.0	44.0	43.1	43.0	43.2	43.2	42.8	43.2	43.3	43.0	43.0	45.7	10
42.9	42.0	40.9	41.2	40.5	42.3	42.0	42.3	42.1	42.9	43.2	45.1	46.0	46.2	46.2	46.1	46.1	46.4	46.3	46.7	46.1	44.0	42.9	43.9	11
40.4	40.2	39.9	39.8	39.9	39.4	39.9	40.1	40.5	41.4	42.0	42.6	42.2	42.1	42.1	42.3	43.0	43.9	44.1	45.1	45.8	46.1	46.2	42.1	12
46.4	46.0	46.0	44.5	44.0	43.6	43.9	43.1	44.0	45.0	45.0	43.4	44.5	43.9	43.2	43.1	42.9	43.1	43.2	43.6	43.9	41.9	42.0	44.0	13
40.0	38.4	37.2	36.3	35.8	35.1	35.0	33.5	33.5	32.9	33.1	33.0	32.9	32.4	32.4	32.1	32.0	32.2	31.5	31.3	31.5	32.0	31.4	34.6	14
*	31.1	31.0	32.0	*	*	33.1	33.5	33.0	33.4	33.4	33.6	35.0	34.1	35.4	36.6	38.6	40.0	43.4	44.0	44.0	43.9	43.6	35.8	15
43.9	43.8	38.3	36.2	36.4	36.0	36.0	36.1	35.9	36.2	35.9	36.6	36.2	35.9	35.3	34.9	33.5	33.5	32.8	32.0	31.2	31.2	30.8	35.9	16
29.9	29.1	28.1	*	29.0	27.8	27.1	26.7	26.4	28.0	29.9	*	31.9	31.2	31.0	30.1	29.4	29.3	28.8	29.2	28.0	29.3	28.1	29.1	17
27.0	29.0	27.9	28.1	28.8	30.2	31.0	30.2	30.5	30.7	*	32.5	33.2	34.4	34.8	34.1	35.0	34.8	34.0	34.0	34.1	33.6	32.9	31.8	18
32.0	30.9	30.9	----	----	*	----	----	31.7	32.3	32.7	32.6	32.4	32.4	32.5	32.8	33.0	32.8	33.0	33.6	33.9	34.1	34.0	32.3	19
34.6	35.0	34.4	33.9	34.0	34.2	34.1	33.9	34.6	34.3	34.7	35.5	35.0	34.9	35.1	34.5	34.6	34.0	34.5	33.7	34.0	33.0	33.1	34.3	20
32.8	32.9	32.9	32.8	33.7	33.4	33.1	33.5	34.0	34.3	34.9	35.0	35.3	34.0	31.4	31.0	30.9	30.0	29.3	29.0	*	28.1	28.2	32.2	21
28.2	28.6	28.5	28.2	29.4	30.9	*	33.4	33.1	33.5	33.0	32.9	32.9	32.9	32.8	33.4	33.7	33.6	33.5	34.1	35.9	44.0	46.2	33.0	22
46.9	47.0	45.3	44.6	44.0	43.4	43.9	44.0	44.3	45.0	44.9	46.0	45.9	46.4	46.2	46.1	46.3	46.0	44.9	44.8	44.1	44.0	44.3	45.2	23
44.1	43.9	43.6	43.9	43.8	43.6	43.5	43.4	43.0	41.3	41.0	39.9	39.0	37.2	36.9	36.1	35.8	33.0	31.9	31.0	30.3	31.9	31.6	38.9	24
31.9	32.0	33.0	34.1	33.2	32.9	31.7	30.0	30.8	*	33.7	*	33.6	33.1	32.3	33.0	33.2	33.8	32.0	31.5	32.0	31.1	31.0	32.4	25
30.3	30.0	29.0	*	31.6	31.5	27.5	29.2	31.6	31.0	31.8	*	32.0	32.0	*	30.4	29.8	30.0	29.7	29.8	29.4	27.1	27.0	30.3	26
28.2	28.1	28.0	29.0	29.1	29.1	29.7	29.4	29.9	31.0	*	32.7	32.3	33.0	33.2	33.1	32.4	32.6	32.9	34.0	34.0	33.9	33.0	31.2	27
33.6	34.7	36.2	35.2	35.1	34.9	39.1	37.8	37.0	37.1	37.0	37.2	37.6	37.5	36.0	36.0	36.0	35.9	35.9	36.0	36.1	36.5	38.0	36.3	28
43.0	41.0	40.0	39.8	38.1	37.0	37.0	37.1	37.0	36.6	36.9	36.9	37.0	36.2	36.0	36.2	36.4	36.9	37.0	35.8	33.8	33.5	33.4	37.4	29
33.7	33.9	33.1	33.1	33.4	33.7	33.3	33.6	33.0	33.9	34.0	33.8	33.4	33.1	32.6	32.5	33.0	32.9	32.9	32.3	31.5	30.0	29.8	32.9	30
*	*	30.4	30.0	28.9	27.9	27.9	25.3	27.0	28.0	31.0	33.1	34.0	34.5	34.9	35.0	35.1	35.2	35.2	36.0	36.1	36.3	36.5	32.0	31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

STONYHURST OBSERVATORY LAT: 53° 51′ N. LONG: 2° 28′ W.

WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	17	7.5	18	4.5	19	5.5	20	5.5	20	8.5	19	14	20	14	20	11	18	14	19	16	19	16	20	20	20	23
2	26	11	28	9.5	20	4	20	4	22	4	22	4.5	22	5.5	24	5.5	24	5.5	24	7.5	21	6.5	21	6.5	21	7.
3	1	3	1	3	1	1.5	16	3	16	1.5	17	2	16	3	6	3	6	2	6	1.5	6	1.5	6	3	22	6
4	26	2	24	2	30	2	30	1.5	30	1.5	30	1.5	30	2	30	1.5	30	2	31	3	31	2	31	1.5	23	10.
5	22	7.5	22	3	22	4.5	22	3	22	2	19	2	17	3	21	4	21	5.5	21	8.5	22	10.5	21	10.5	21	11
6	22	15	22	18	22	15	23	12	20	10.5	22	14	22	14	21	11	22	17	21	12	22	14	23	19	23	18
7	21	5.5	22	2	22	1.5	19	3	20	4	19	5.5	18	6.5	20	5.5	19	5.5	20	5.5	21	6.5	20	7.5	20	10.
8	20	11	20	8.5	21	8.5	21	13	22	16	22	19	22	21	23	19	23	20	23	18	23	18	22	20	23	20
9	23	28	24	30	25	26	26	20	23	11	24	11	24	5.5	23	7.5	22	15	22	20	20	13	23	18	23	24
10	23	21	23	15	23	19	23	18	23	15	23	17	22	23	23	18	24	23	25	18	24	18	23	18	24	23
11	23	28	24	26	24	17	23	13	22	16	22	12	22	13	21	14	22	15	21	16	19	12	21	18	22	21
12	24	36	23	32	24	29	24	31	23	29	24	30	23	30	24	30	23	30	24	30	25	38	25	36	25	34
13	23	34	23	30	23	29	22	30	24	16	26	17	24	16	24	18	26	22	24	18	23	22	24	24	26	21
14	26	22	25	22	26	25	27	24	26	13	26	12	26	9.5	26	12	26	17	26	8.5	27	19	27	17	28	15
15	10	12	14	14	11	9.5	10	11	11	12	13	5.5	14	3	12	4	9	5.5	3	5.6	3	5.5	3	4.5	3	4.
16	22	14	23	16	24	11	30	14	1	9.5	4	7.5	3	11	3	9.5	3	7.5	3	7.5	5	5.5	5	8.5	4	10.
17	3	4.5	2	4	8	3	8	4	4	4.5	4	4	3	4	3	4	3	3	3	4	3	4	3	4.5	3	4.
18	4	4	4	4	4	3	4	3	4	3	4	3	12	4	14	8.5	15	16	15	17	14	9.5	15	10.5	17	24
19	20	20	22	27	22	24	22	25	22	28	22	26	22	22	22	32	23	25	23	29	22	39	23	32	22	30
20	23	14	23	8.5	22	9.5	22	5.5	23	4.5	23	4.5	22	4.5	22	7.5	23	4.5	23	3	23	2	23	2	23	4
21	23	7.5	23	2	22	4	24	4	24	4	28	4.5	28	8.5	29	10.5	30	13	31	4.5	31	4	20	3	22	3
22	25	3	25	3	25	3	25	4	29	5.5	3	5.5	2	6.5	2	5.5	6	6.5	4	5.5	5	5.5	3	7.5	3	9.
23	21	15	22	22	21	23	23	30	22	22	22	24	23	24	23	20	21	11	22	17	21	11	19	11	20	13
24	21	9.5	22	12	23	15	22	15	23	18	23	22	23	14	23	14	23	19	24	18	25	21	25	23	25	24
25	24	15	24	15	25	22	25	18	24	20	23	22	23	21	26	22	26	20	25	18	27	21	27	22	26	19
26	25	4.5	25	1.5	25	1.5	25	1.5	28	3	28	4	28	5.5	27	1.5	25	1.5	26	4	28	1.5	28	1.5	28	2
27	2	1.5	2	1.5	3	1.5	3	1.5	3	1.5	3	5.5	2	4	2	6.5	2	7.5	3	8.5	4	11	6	9.5	4	7.
28	*	15	*	12	*	9.5	*	6.5	*	9.5	*	10.5	*	6.5	*	14	*	15	*	11	*	7.5	*	5.5	20	3
29	18	9.5	20	8.5	23	8.5	23	4.5	23	2	32	3	1	4.5	2	4.5	3	6.5	3	6.5	2	8.5	2	10.5	2	10.
30	26	26	26	21	25	18	22	13	22	10.5	23	10.5	24	11	25	5.5	25	9.5	26	5.5	27	5.5	29	6.5	28	8.
31	16	1.5	16	1.5	16	1.5	1	11	2	10.5	30	7.5	3	3	28	5.5	29	1.5	27	3	21	7.5	22	5.5	24	14

RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.005	.055	.053	.010	.	.	.	.	.	.003	.004	.	.001
2	.002	.002	.	.002	.001	.001	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.020	.060	.012	.005	.002	.001	.	.	.	.010	.108	.022	.005	.005	.005	.	.	.	.	.005
4	.	.	.	.005	.	.	.	.020	.025	.030	.030	.030	.020	.010	.008	.001	.	.	.	.	.	.	.	.
5	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.030	.010	.045	.115	.140	.130	.026	.	.002	.003
6	.020	.020	.020	.020	.020	.	.	.	.	.	.	.	.	.	.	.	.010	.030	.070	.055	.035	.002	.005	.004
7	.012	.002	.	.	.	.005	.003	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.090	.100	.110	.055
9	.003	.002	.001	.001	.002	.002	.001	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.025	.025	.026	.030	.035	.005	.022	.005	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.060	.070	.020	.025	.025	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.055	.050	.004	.001	.100
13	.065	.080	.015	.050	.100	.035	.	.005	.030	.010	.020	.017	.040	.010	.	.010	.040	.040	.023	.005	.001	.001	.001	.002
14	.010	.020	.005	.005	.001	.001	.001	.	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	....	Total for 10 hours = 330	....	....	....	.010	.010	.010	.040	.005	.	.	.	.	.025	.038	.001	.001	.
16	.060	.045	.010	.055	.070	.020	.010	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.023	.017	.	.050	.025	.010	.015	.010	.010	.005	.002	.003
19	.	.020	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.001	.001	.001	.005	....	....	....	....	....	....	*	*	..	....	....	....	....	....
21	.....	Snow & Rain for 24 hours = .253	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	.....	Snow & Rain for 24 hours = .135	.....	.020	.005	.020	.060	.075	.070	.150	.115	.060	.065	.180	.190	.190	.210
23	.100	.185	.080	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.065	.016	.039	.040	.065	.175	.030
24	.060	.035	.	.	.	.	.	.	.	.005	....	....	....	....	....	....	....	*	...	...	...	...	...	...
25	....	Snow & Rain for 24 hours = .102	.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.015	.025
28	.070	.025	.030	.165	.140	.028	.002	.003	.002	.005	.	.	.	.	.	.	.	.025	.045	.010	.	.100	.100	.
29	.	.	.	.	.040	.050	.030	.010	.020	.020	.050	.080	.080	.080	.080	.140	.120	.170	.150	.	.	.060	.040	.010
30	.010	.005	.005	.	.010	.002	.005	.003	.001	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	...	Snow & Rain	...	...	...	.078	...	.	.	.	.010	.010	.	.	.	.	.	.	.	.	.	.	.	.

* Record defective or Instrument out of action † Obtained from reading of Standard. ‡ Approximate.

HOURLY VALUES DECEMBER 1880.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS.
	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
2	20	25	22	24	16	24	16	24	15	24	14	26	13	27	13	24	8.5	22	7.5	25	12	1
2	6.5	22	3	22	3	23	3	23	3	23	3	29	3	29	2	29	3	1	3	1	4	2
2	9.5	20	9.5	21	12	21	15	22	21	24	13	23	6.5	24	4.5	24	4	25	3	26	4	3
2	10.5	21	7.5	23	9.5	24	15	24	15	24	9.5	23	3	23	3	23	3	23	5.5	22	5.5	4
2	9.5	21	6.5	21	5.5	20	6.5	20	6.5	21	9.5	22	18	22	17	22	16	22	18	21	14	5
2	14	22	15	22	15	22	18	23	15	23	16	22	10.5	22	8.5	20	5.5	22	5.5	23	4	6
2	14	21	10.5	24	12	21	10.5	22	10.5	24	12	22	8.5	20	9.5	21	15	19	7.5	22	6.5	7
2	19	22	22	21	15	21	19	21	16	22	17	22	23	22	21	22	21	22	25	23	31	8
2	23	23	17	23	16	24	25	24	17	24	17	23	14	24	12	23	20	24	22	22	17	9
2	31	23	27	22	29	24	23	23	22	22	15	23	14	19	12	21	13	21	13	22	18	10
2	19	22	26	22	24	22	30	23	34	23	35	23	38	23	33	24	30	24	27	23	29	11
2	30	25	35	24	31	24	30	24	31	24	31	23	27	23	25	23	31	23	33	23	28	12
2	25	23	22	24	26	24	21	25	22	24	18	23	14	24	22	24	22	25	28	25	26	13
2	15	22	4.5	24	4.5	23	4	25	3	23	2	23	2	23	1.5	23	3	18	6.5	9	9.5	14
3	2	3	2	3	2	22	3	22	3	22	4.5	21	14	23	13	22	16	22	16	21	13	15
	10.5	3	5.5	3	5.5	4	7.5	3	11	3	7.5	3	7.5	3	8.5	2	6.5	2	8.5	1	8.5	16
	4	2	4.5	2	4.5	2	4.5	2	4	3	2	3	2	3	4.5	4	4	4	5.5	4	3	17
	26	16	29	22	19	22	7.5	20	10.5	21	12	20	17	19	16	20	18	19	16	20	28	18
2	31	23	31	24	31	23	23	23	28	23	27	22	26	22	16	22	21	21	15	22	13	19
3	4.5	23	10.5	28	6.5	23	4	23	6.5	23	5.5	23	7.5	20	4	25	5.5	23	2	23	2	20
2	5.5	22	4	22	3	22	2	22	2	22	2	22	3	22	3	22	2	22	3	22	3	21
	8.5	2	9.5	2	9.5	2	9.5	2	9.5	3	10.5	3	9.5	2	5.5	2	8.5	1	6.5	20	12	22
	14	19	12	17	15	16	17	17	17	15	11	18	17	17	8.5	19	6.5	20	4.5	20	8.5	23
	22	26	19	27	23	27	19	25	21	27	23	27	23	25	12	27	22	27	20	24	17	24
	17	27	16	26	18	25	18	25	19	25	13	27	9.5	27	6.5	27	7.5	26	9.5	28	5.5	25
	1.5	28	3	23	1.5	23	1.5	23	1.5	23	1.5	23	1.5	23	1.5	23	1.5	31	1.5	2	1.5	26
3	6.5	7	8.6	8	9.5	7	10.5	3	8.5	6	4.5	6	6.5	7	12	8	17	9	12	*	13	27
2	2	20	4	2	5.5	2	6.5	1	7.5	3	9.5	3	8.5	3	10.5	3	8.5	2	9.5	32	5.5	28
3	12	3	14	3	16	3	14	3	12	2	13	1	13	30	22	28	26	26	22	26	24	29
	4	30	5.5	3	6.5	1	4	30	2	20	4	23	4	24	3	29	3	26	2	26	1.5	30
4	13	27	13	26	13	25	11	26	14	26	13	26	11	26	11	26	15	25	11	25	11	31

VAPOUR TENSION

IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
4	220	229	241	263	263	253	258	263	270	263	283	303	312	273	273	270	255	258	249	242	250	255	239	1
1	224	224	208	221	223	224	220	225	232	235	244	253	232	227	227	197	200	204	197	196	190	184	187	2
4	195	203	211	226	226	223	226	240	245	260	276	293	297	309	321	325	322	306	298	289	286	275	264	3
			*				†258	*	251	264	276	324	320	316	316	311	299	287	277	266	262	252	255	4
2	262	265	268	270	264	264	279	277	280	284	287	301	300	322	321	329	332	334	342	342	344	344	344	5
4	344	345	347	345	346	347	344	342	342	335	332	331	324	321	321	322	329	331	327	327	320	330	326	6
0	326	333	325	334	335	318	318	329	339	338	333	341	341	335	323	309	298	297	301	297	280	287	286	7
6	282	280	276	281	283	272	275	269	267	249	259	264	259	239	259	258	273	276	293	296	302	317	315	8
0	328	321	291	288	273	270	269	256	263	263	268	260	275	281	282	274	281	282	293	307	318	322	321	9
1	330	340	342	342	335	349	340	339	296	273	258	261	252	255	247	245	248	253	246	248	248	249	249	10
8	248	243	241	247	241	255	244	248	243	273	272	295	307	303	302	294	295	299	298	303	294	254	247	11
7	211	209	204	212	209	203	205	211	214	219	225	233	236	235	241	242	253	270	281	288	292	300	300	12
4	305	294	298	283	279	273	276	266	275	287	286	262	275	269	260	261	263	266	269	271	272	242	242	13
5	222	203	198	187	178	173	172	151	151	147	148	148	150	146	146	144	149	154	155	145	147	148	139	14
8	*	159	147	168	*	*	179	186	182	184	185	187	199	191	202	212	232	242	278	284	278	274	271	15
9	280	278	213	199	201	196	198	193	190	192	185	188	182	184	182	180	173	174	172	166	157	153	151	16
0	142	132	126	*	135	124	117	115	111	123	133	*	154	144	145	139	133	133	131	131	127	144	133	17
0	135	144	146	138	150	155	169	139	144	164	*	166	170	187	191	187	194	188	174	171	175	168	162	18
6	158	136	131			*			139	145	145	144	139	141	143	160	159	148	156	160	162	166	165	19
8	173	178	173	178	176	180	182	181	185	185	187	187	184	189	190	189	184	180	186	182	183	176	177	20
8	179	182	184	182	175	169	164	167	176	179	186	178	182	181	160	155	157	149	144	140	*	135	138	21
4	136	139	137	135	149	165	*	176	178	182	178	180	184	182	182	184	188	186	185	187	208	285	311	22
1	321	319	293	284	276	269	273	278	281	285	273	285	290	292	300	301	303	301	285	290	277	282	283	23
3	280	281	276	280	277	275	274	273	266	245	235	224	213	190	188	182	190	163	147	139	126	161	164	24
9	180	176	183	187	168	163	†154	128	142	*	†183	*	†167	152	150	158	165	172	151	148	160	149	145	25
1	147	150	140	*	151	153	118	145	159	157	†152	*	156	162	*	158	153	156	151	146	140	125	127	26
4	129	126	127	136	137	143	152	149	145	155	*	161	156	162	159	164	154	164	172	176	175	181	176	27
2	177	189	203	197	196	200	232	224	216	215	216	217	220	218	208	208	207	208	206	204	203	210	222	28
3	271	253	243	243	222	213	212	214	214	210	213	212	214	204	201	202	206	208	207	187	180	178	177	29
6	178	180	176	177	177	178	178	177	170	178	170	160	155	156	163	167	164	173	173	166	148	141	143	30
4	*	*	144	148	134	121	112	096	106	123	148	157	177	184	189	188	191	189	188	196	194	196	198	31

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

2754.

KEW OBSERVATORY LAT: 51° 28'N. LONG: 0° 19' W

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	30.265	30.250	30.232	30.214	30.202	30.196	30.192	30.176	30.158	30.142	30.146	30.118	30.1
2	.112	.123	.134	.146	.152	.168	.186	.204	.220	.243	.250	.242	.2
3	.308	.302	.310	.300	.297	.300	.300	.307	.310	.315	.309	.311	.3
4	.335	.337	.347	.359	.367	.387	.402	.411	.417	.439	.446	.446	.4
5	.494	.498	.494	.501	.499	.494	.480	.478	.486	.490	.482	.478	.4
6	.466	.452	.446	.446	.444	.440	.440	.445	.452	.456	.458	.447	.4
7	.543	.545	.567	.571	.577	.587	.571	.593	.599	.619	.617	.609	.6
8	.622	.615	.611	.595	.591	.582	.598	.603	.601	.598	.575	.558	.5
9	.415	.406	.414	.418	.406	.405	.395	.411	.413	.421	.434	.405	.3
10	.330	.330	.337	.316	.298	.282	.276	.272	.274	.274	.268	.254	.2
11	.340	.334	.330	.322	.322	.322	.323	.315	.310	.298	.280	.250	.2
12	.066	.056	.042	30.038	30.044	30.047	30.065	30.092	30.097	30.118	30.125	30.116	30.1
13	30.051	30.029	30.015	29.984	29.969	29.953	29.951	29.949	29.963	29.975	29.984	29.974	29.9
14	29.889	29.870	29.867	.865	.856	.875	.894	.898	.918	.922	.922	.915	.9
15	.967	.947	.927	.884	.823	.784	.728	.677	.648	.634	.619	.578	.5
16	.520	.520	.512	.504	.501	.498	.502	.501	.510	.530	.544	.547	.5
17	.721	.718	.715	.711	.711	.711	.711	.715	.721	.725	.725	.702	.6
18	.620	.608	.593	.583	.579	.568	.577	.579	.589	.595	.598	.572	.5
19	.468	.460	.460	.466	.470	.473	.484	.494	.498	.520	.544	.552	.5
20	.500	.463	.454	.417	.380	.406	.415	.426	.451	.459	.448	.426	.4
21	29.624	29.651	29.665	29.679	.684	.705	.786	.782	.827	.875	.923	.951	.9
22	30.094	30.073	30.047	30.021	.998	.964	.931	.881	.828	.772	.749	.712	.6
23	29.537	29.519	29.505	29.501	.526	.538	.542	.559	.563	.576	.549	.539	.5
24	.187	.162	.150	.135	.127	.116	.117	.128	.136	.155	.185	.198	.2
25	.470	.482	.488	.480	.471	.484	.490	.499	.512	.509	.514	.511	.5
26	.715	.716	.714	.714	.710	.701	.698	.693	.695	.698	.701	.682	.6
27	.474	.433	.399	.349	.312	.298	.280	.279	.291	.318	.353	.363	.3
28	.510	.515	.518	.521	.531	.531	.536	.555	.571	.565	.568	.563	.5
29	.566	.558	.558	.556	.523	.519	.511	.493	.467	.445	.403	.335	.2
30	.288	.344	.374	.396	.400	.388	.382	.372	29.355	29.350	29.374	29.380	29.3
31	29.735	29.760	29.796	29.817	29.846	29.885	29.928	29.984	30.033	30.073	30.109	30.124	30.1

DRY BULB THERMOMETER

10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	MEA
1	46.0	45.8	45.1	44.7	44.6	44.6	44.5	45.0	46.5	47.3	48.2	48.9	49.0	49.0	49.3	48.3	48.2	48.0	48.3	48.9	49.0	49.0	48.8	46.1	47.
2	45.5	43.8	42.0	40.0	38.0	36.0	35.1	34.4	34.7	35.8	40.4	43.7	45.2	46.0	45.2	41.0	40.0	37.7	35.0	33.0	32.3	31.4	30.7	29.7	38.
3	29.3	30.0	31.9	32.9	33.4	34.8	36.5	37.0	38.3	40.2	43.5	46.6	47.8	48.4	48.5	48.0	48.0	48.0	47.0	46.8	45.9	45.0	44.5	45.0	41.
4	44.8	45.3	45.8	45.4	45.9	45.9	46.0	46.2	46.7	47.3	48.4	49.7	50.2	50.5	50.8	50.5	49.1	47.5	45.0	45.1	45.9	44.2	42.2	41.6	46.
5	43.0	43.5	44.8	45.0	45.9	46.9	47.0	46.8	47.6	48.2	49.3	50.0	51.7	50.8	50.0	48.3	47.6	47.3	48.0	47.5	47.3	47.2	47.0	47.0	47.
6	47.7	47.9	47.8	48.0	48.1	48.2	48.7	48.7	49.0	49.8	50.8	51.3	52.0	52.0	51.7	50.8	50.0	49.5	49.0	49.4	49.5	49.0	48.5	47.6	49.
7	47.7	47.2	46.8	46.8	47.0	47.0	46.9	47.0	47.6	48.4	49.0	50.0	50.8	50.2	49.8	49.0	47.0	47.0	47.8	47.8	47.8	47.6	47.0	47.0	47.
8	47.0	47.0	47.2	47.2	47.0	47.0	47.2	47.7	47.8	48.2	49.0	49.8	50.0	50.3	50.3	49.7	49.2	49.3	49.6	49.8	49.3	49.3	49.0	47.1	48.
9	46.3	47.0	46.7	47.2	48.0	48.5	49.0	48.6	48.7	49.5	50.7	51.3	51.7	51.6	51.0	50.4	50.0	49.7	48.0	47.0	44.6	44.5	43.7	43.5	48.
10	44.6	43.6	44.5	45.6	46.8	48.2	50.5	50.7	51.6	53.0	54.0	55.0	55.2	55.0	55.0	54.8	53.0	50.6	49.3	47.9	46.8	45.3	43.2	40.9	49.
11	40.9	40.0	38.9	38.6	37.8	37.0	36.5	37.0	37.0	37.8	40.6	42.3	43.0	44.0	44.0	42.9	41.5	40.7	43.8	45.8	46.1	45.3	45.0	45.5	41.
12	45.2	45.3	45.0	45.4	46.5	44.8	46.0	45.2	45.0	46.3	47.9	48.1	48.8	48.3	47.2	46.1	45.5	44.8	44.0	44.0	44.0	43.5	45.8	46.8	45.
13	46.6	48.2	49.0	49.2	49.9	50.0	49.7	49.6	49.9	50.2	50.9	51.2	52.0	52.0	51.7	51.0	51.0	50.4	50.4	50.0	49.8	49.0	49.2	48.5	50.
14	50.2	51.4	51.4	50.7	51.0	50.6	44.6	43.7	43.0	43.2	43.7	44.2	43.0	42.6	42.6	42.1	40.9	40.5	38.8	39.0	39.1	37.0	37.2	37.0	43.
15	37.1	36.1	35.2	35.0	36.0	38.0	39.6	42.8	47.6	49.8	51.0	51.2	51.2	51.1	51.0	51.0	51.5	51.5	50.0	50.0	49.2	46.1	44.3	45.4	45.
16	44.5	45.3	45.4	45.2	44.7	44.5	44.6	45.0	45.8	46.0	46.3	47.1	47.4	41.3	41.1	40.9	41.0	40.5	40.0	40.0	40.0	39.6	37.9	37.6	43.
17	37.4	37.6	37.6	37.6	37.6	37.8	37.8	37.9	37.9	38.3	39.5	39.8	39.7	39.8	39.6	39.2	38.8	38.8	39.0	39.0	37.5	37.6	37.0	36.3	38.
18	36.4	36.5	36.3	36.2	36.0	36.0	35.8	36.0	36.2	36.6	37.0	38.6	39.7	40.7	43.0	44.2	45.2	46.0	45.0	44.8	43.5	42.9	43.9	42.8	40.
19	43.6	44.1	43.6	43.2	42.0	41.8	41.5	40.2	40.9	41.9	40.8	40.8	40.8	40.8	39.4	38.4	38.8	39.6	40.0	40.0	40.3	40.7	40.6	40.5	41.
20	40.0	39.6	39.5	38.5	37.5	36.9	36.4	36.5	36.4	36.9	37.0	37.2	37.4	35.0	33.5	34.3	34.8	35.0	34.1	33.7	33.9	34.4	34.0	33.8	36.
21	33.4	34.3	34.4	34.0	34.0	34.7	35.3	35.4	36.4	37.4	38.1	38.7	39.3	39.4	38.9	36.2	34.0	32.6	32.0	31.5	30.3	29.8	28.5	27.0	34.
22	26.0	27.4	28.6	30.5	32.2	34.0	37.6	38.8	41.2	42.8	44.3	46.8	48.5	50.7	51.2	51.3	52.0	52.2	51.6	50.4	50.8	51.5	51.9	52.5	43.
23	52.6	52.6	53.1	54.0	53.2	52.6	52.0	51.3	49.9	50.0	51.8	52.2	53.0	52.6	51.5	50.8	50.4	50.5	49.0	49.0	50.0	50.9	50.4	49.0	51.
24	49.0	48.6	48.1	47.0	46.6	46.6	46.4	46.4	46.0	45.8	47.1	48.8	50.0	48.8	48.8	47.4	45.1	44.3	42.1	40.5	39.5	39.0	38.0	36.8	45.
25	35.2	35.0	35.0	34.1	33.2	32.4	31.6	31.4	32.2	33.4	35.7	37.3	38.2	38.6	38.5	37.0	35.8	34.7	34.7	33.6	33.1	33.0	32.4	32.2	34.
26	30.7	31.2	31.4	31.2	30.8	30.2	31.5	30.0	31.5	33.2	35.2	35.4	36.0	36.2	35.4	33.5	33.0	33.2	33.8	34.5	35.8	36.2	36.5	35.5	33.
27	34.6	33.1	33.3	33.5	33.8	34.6	35.2	36.4	40.0	47.0	43.5	43.3	43.2	44.2	43.0	42.0	41.5	41.8	42.0	40.5	41.6	48.9	50.0	50.5	40.
28	49.9	50.6	50.3	50.4	50.5	50.6	51.0	51.2	51.4	52.2	51.5	52.5	52.5	52.5	52.0	51.3	50.9	51.2	51.0	50.6	50.4	51.0	50.1	50.4	51.
29	50.1	50.4	50.4	50.7	50.6	50.6	50.4	50.0	50.3	50.1	49.8	49.6	49.6	49.2	49.3	50.1	50.3	50.6	50.6	50.5	43.6	42.2	42.5	43.1	48.
30	41.4	40.4	39.5	38.6	38.7	39.4	37.5	34.2	34.5	34.8	36.9	35.5	35.6	35.4	36.5	36.0	35.4	34.5	33.5	33.2	32.7	32.3	32.8	33.0	35.
31	32.5	33.2	34.0	24.2	35.0	35.0	34.0	33.3	34.2	35.2	35.4	34.9	35.7	36.2	35.5	35.1	34.2	32.6	32.8	32.8	33.1	33.5	33.8	32.4	34.

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

HOURLY VALUES DECEMBER 1880.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
.080	30.059	30.052	30.053	30.044	30.043	30.049	30.054	30.066	30.075	30.104	30.128	1
240	.244	.250	.264	.277	.292	.304	.303	.300	.316	.316	30.230	2
295	.287	.287	.302	.309	.314	.321	.317	.335	.329	.336	30.309	3
448	.440	.452	.461	.470	.486	.492	.491	.496	.492	.498	30.432	4
460	.459	.454	.454	.456	.458	.465	.470	.470	.470	.468	30.476	5
.439	.441	.453	.461	.475	.480	.498	.516	.521	.533	.537	30.466	6
.611	.608	.608	.619	.625	.627	.627	.623	.633	.641	.635	30.608	7
.515	.511	.503	.502	.503	.506	498	.495	.475	.459	.439	30.546	8
384	.380	.369	.369	.364	.355	.352	.345	.337	.340	.342	30.386	9
238	.235	.252	.271	.303	.318	.322	.325	.332	.342	.350	30.294	10
.188	.170	.142	.135	.134	.128	.112	.096	.080	.086	.074	30.221	11
.113	30.123	30.124	30.122	30.122	30.121	30.116	30.117	30.103	30.099	30.072	30.094	12
.958	29.958	29.956	29.961	29.958	29.956	29.952	29.942	29.929	29.920	29.908	29.965	13
.926	.934	.954	.967	.980	.992	.998	30.002	30.007	30.005	.988	29.932	14
.510	.488	.475	.469	.470	.482	.494	29.510	29.530	29.524	.526	29.635	15
.574	.597	.627	.644	.664	.679	.695	.709	.710	.717	.725	29.587	16
.682	.675	.673	.672	.668	.662	.659	.659	.643	.639	.635	29.689	17
.514	.484	.467	.456	.455	.455	.464	.468	.472	.470	.463	29.532	18
.552	.554	.559	.555	.555	.548	.530	.527	.532	.527	.511	29.516	19
.421	29.427	29.439	29.465	29.492	29.494	29.538	29.576	29.600	29.613	29.621	29.473	20
.009	30.036	30.056	30.071	30.082	30.107	30.121	30.126	30.127	30.117	30.112	29.916	21
.687	29.680	29.689	29.688	29.686	29.687	29.667	29.661	29.632	29.608	29.573	29.793	22
517	.497	.474	.423	.390	.350	.300	.268	.226	.212	.204	29.452	23
.223	.238	.270	.292	.332	.368	.393	.414	.444	.459	.465	29.246	24
.521	.559	.590	.625	.638	.662	.679	.690	.706	.717	.714	29.564	25
.650	.643	.637	.628	.614	.603	.576	.558	.545	.523	.492	29.649	26
.410	.441	.461	.475	.475	.483	.483	.497	.508	.506	.509	29.408	27
.553	.557	.555	.564	.566	.571	.571	.580	.576	.578	.579	29.554	28
.195	147	.126	.110	.088	.062	.034	.088	.151	.194	.241	29.318	29
.400	29.414	29.448	29.466	29.495	29.533	29.574	29.606	29.645	29.678	29.704	29.448	30
.164	30.195	30.213	30.227	30.243	30.248	30.267	30.281	30.289	30.297	30.303	30.081	31

WET BULB THERMOMETER

10 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	MEANS.	DAYS.
0 44.8	44.0	43.9	43.8	44.0	44.0	44.5	45.6	45.6	46.0	46.6	47.0	47.2	47.7	47.0	46.7	46.7	47.0	47.2	47.9	48.0	48.1	44.7	46.0	1
8 43.2	41.8	40.8	37.5	36.0	35.0	34.4	34.6	35.4	39.5	41.8	42.5	42.7	42.4	39.5	39.0	37.4	35.0	33.0	32.3	31.0	30.5	*	37.5	2
3 30.0	31.6	*	*	34.0	36.0	36.5	37.9	39.5	42.4	45.7	47.0	47.6	47.3	47.0	47.0	47.2	46.3	46.0	45.1	44.2	43.6	43.7	40.8	3
7 44.0	44.1	44.0	44.2	44.4	44.6	44.7	45.0	46.5	46.6	47.5	48.0	48.0	48.2	48.4	47.5	46.3	44.1	44.2	44.4	43.2	41.6	41.0	45.1	4
1 42.6	43.1	43.5	43.8	44.2	44.5	45.0	46.5	45.8	46.4	46.6	47.2	47.7	47.3	46.6	46.0	45.9	46.0	46.0	46.0	46.0	45.8	45.9	45.4	5
3 46.4	46.3	46.6	46.9	47.0	47.2	47.3	47.8	48.3	48.7	49.0	49.8	49.8	49.3	48.6	48.4	48.0	47.9	48.0	47.8	47.5	47.0	46.4	47.8	6
3 46.1	45.8	45.8	46.0	46.0	46.0	46.1	46.6	46.9	47.3	48.0	47.9	47.7	47.0	46.9	45.9	45.7	46.3	46.5	46.5	46.1	45.8	45.6	46.5	7
6 45.6	46.0	46.2	46.1	46.1	46.3	46.4	46.8	47.0	47.1	47.0	47.1	47.1	47.0	46.0	46.2	46.3	46.7	46.3	46.0	45.8	45.1	44.1	46.2	8
9 44.4	44.4	45.0	45.9	46.3	47.0	47.0	47.0	47.6	48.0	48.3	48.5	48.5	47.8	47.8	47.2	47.1	46.2	45.1	43.3	42.8	42.3	42.2	46.0	9
1 42.7	43.7	45.0	46.0	47.2	48.7	48.6	49.3	50.0	50.5	51.0	51.2	51.0	50.4	49.5	48.1	45.8	46.0	43.5	42.6	42.1	41.1	39.2	46.4	10
5 39.0	37.9	38.0	37.0	36.2	35.8	36.0	36.5	37.0	39.0	40.7	40.9	41.5	41.8	41.0	40.0	40.0	42.6	44.5	44.0	43.4	42.8	43.2	39.9	11
3 43.7	43.7	44.0	44.8	43.5	43.6	41.8	41.0	43.0	43.4	43.3	43.3	43.3	43.2	42.5	41.6	41.2	40.8	41.0	41.3	41.0	42.8	43.2	42.7	12
6 45.2	45.8	45.8	46.3	46.6	46.3	46.0	46.2	46.6	*	47.6	*	48.3	*	47.4	47.4	47.3	47.3	47.0	46.5	45.9	45.9	45.8	46.6	13
5 48.3	47.7	47.6	47.9	48.0	43.2	42.4	42.4	41.9	42.0	41.6	41.0	40.6	40.9	40.0	39.0	38.4	36.1	36.7	34.8	34.7	36.0	36.1	41.5	14
2 35.0	34.3	34.3	35.5	37.3	39.2	42.2	47.4	49.0	49.7	50.0	50.2	49.9	49.8	49.9	50.0	50.0	48.6	48.4	47.2	44.5	43.1	44.3	44.4	15
5 44.0	44.1	43.8	43.5	43.3	43.2	43.7	44.4	44.7	45.6	46.0	46.0	39.9	39.5	39.4	38.8	38.2	37.9	35.0	38.0	37.4	36.2	35.7	41.6	16
4 35.4	35.6	35.6	35.2	35.0	*	*	35.3	36.1	36.0	35.4	*	34.8	35.0	34.6	34.4	35.0	.....	*	.....	35.0	34.6	34.4	35.2	17
5 35.0	34.6	34.6	34.8	35.0	35.0	35.2	35.2	35.1	35.4	36.2	36.7	38.6	41.8	43.0	43.5	44.1	43.2	43.1	42.0	41.2	41.5	41.0	38.3	18
6 41.4	41.0	39.7	39.6	39.4	38.6	38.0	38.4	38.9	37.4	36.9	35.9	35.8	36.0	36.0	36.5	37.3	37.6	37.6	38.0	38.5	38.6	39.1	38.2	19
2 39.1	39.1	38.0	37.0	36.3	36.0	36.3	36.0	36.2	36.4	36.8	37.0	34.5	33.2	33.7	34.4	34.5	33.5	33.2	33.2	33.5	33.4	33.2	35.6	20
8 33.3	33.6	33.6	33.5	33.6	34.1	34.1	34.8	35.4	35.9	36.3	36.9	36.7	36.2	34.9	33.4	31.9	31.5	31.2	*	29.6	28.5	27.0	33.3	21
0 27.2	28.3	30.0	31.7	*	*	38.0	40.5	42.0	43.5	46.6	48.0	49.8	50.4	50.5	50.2	50.0	49.4	48.9	49.4	49.9	50.4	51.0	42.6	22
2 51.4	51.5	51.4	50.2	49.1	48.6	48.4	47.5	47.6	48.4	48.9	49.4	49.5	48.3	48.3	48.5	48.6	48.5	47.8	48.7	48.4	47.6	46.5	48.9	23
2 46.1	45.0	45.0	44.5	44.9	45.0	45.2	45.2	44.5	45.2	45.9	45.8	45.5	45.2	43.6	41.5	40.3	38.9	37.8	36.7	36.0	35.0	34.3	42.6	24
3 32.9	32.3	32.4	31.6	31.0	30.4	30.2	30.2	31.8	*	*	33.6	34.5	33.8	33.0	32.6	32.2	31.9	31.4	31.0	30.8	30.3	30.2	32.0	25
3 30.0	30.4	30.5	30.0	*	31.0	29.4	31.0	31.6	*	33.5	34.4	34.5	33.5	32.1	32.2	32.0	32.4	32.8	33.4	34.1	34.9	34.6	32.1	26
7 32.6	33.0	33.0	33.5	34.1	35.0	36.0	39.8	46.0	42.2	42.4	42.4	43.4	42.0	41.5	41.0	41.2	41.5	40.0	41.2	48.4	49.0	49.5	40.1	27
8 49.4	49.5	49.2	49.3	49.4	49.2	49.4	49.6	50.5	50.8	51.5	50.6	50.3	50.0	50.0	49.5	49.5	49.5	49.2	49.2	49.3	48.5	48.7	49.6	28
6 48.4	48.5	49.0	48.6	48.7	48.4	48.1	46.5	48.2	48.5	48.3	48.2	48.0	48.1	48.5	48.5	46.5	48.5	48.7	47.2	39.9	39.6	39.6	47.1	29
5 37.4	37.2	36.5	36.4	37.2	36.9	33.5	33.9	34.3	36.2	34.7	34.9	34.6	35.4	35.2	34.6	34.0	32.8	32.6	32.2	31.9	32.2	32.4	34.8	30
0 32.6	33.3	33.5	33.8	33.5	32.7	32.0	32.6	33.5	33.3	33.2	33.7	33.8	33.2	32.4	32.0	31.2	31.7	31.7	31.8	32.5	32.5	31.6	32.7	31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

KEW OBSERVATORY LAT: 51° 28' N. LONG: 0° 19' W.

WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	19	11	19	11	19	9.5	19	9.5	20	9.5	19	13	19	9.5	19	7.5	19	9.5	18	12	19	12	19	12	20	13
2	30	4	30	4	30	2	30	4	30	3	30	3	30	4	30	3	30	4	30	3	31	4	31	3	31	3
3	31	2	31	2	31	3	31	3	31	2	31	1.5	31	2	31	2	31	2	31	2	31	6.5	22	5.5	22	7
4	20	6.5	21	5.5	21	5.5	21	7.5	21	5.5	21	5.5	21	4.5	21	4.5	21	7.5	21	5.5	21	6.5	21	6.5	21	6
5	21	2	21	4.5	21	4	21	5.5	21	6.5	21	7.5	21	8.5	21	6.5	21	7.5	21	8.5	21	10.5	21	10.5	22	12
6	21	9.5	21	9.5	21	8.5	21	8.5	21	9.5	21	11	21	10.5	21	10.5	22	9.5	22	10.5	24	14	24	14	24	14
7	23	5.5	23	4.5	23	4	23	4	23	4	23	3	21	4.5	21	3	21	4	21	4.5	21	4.5	21	6.5	23	10
8	22	6.5	22	6.5	22	8.5	22	8.5	22	8.5	22	10.5	22	7.5	22	11	21	11	21	12	22	15	23	14	22	13
9	22	13	22	9.5	22	7.5	22	9.5	22	9.5	22	10.5	23	11	23	8.5	23	9.5	23	12	24	14	24	15	25	16
10	24	6.5	24	4.5	23	6.5	23	8.5	23	8.5	23	9.5	22	13	22	12	23	12	23	15	25	21	24	19	24	19
11	25	8.5	21	8.5	21	7.5	21	8.5	21	6.5	21	7.5	21	6.5	21	5.5	21	4.5	21	6.5	20	5.5	20	11	22	10
12	22	11	22	15	21	16	21	13	21	14	21	12	23	12	25	6.5	24	10.5	23	13	22	18	23	19	23	18
13	22	14	24	22	23	24	23	22	23	19	22	17	23	20	23	20	23	17	23	16	24	20	23	16	23	20
14	22	17	23	22	23	22	23	23	24	24	28	16	30	12	29	10.5	27	10.5	27	8.5	27	12	28	10.5	28	10
15	2	5.5	2	9.5	23	8.5	13	8.5	13	9.5	14	4.5	14	7.5	17	9.5	19	16	21	17	20	19	20	18	20	22
16	19	9.5	19	12	20	14	20	11	20	10.5	20	9.5	20	11	20	10.5	20	10.5	20	5.5	21	6.5	21	5.5	21	7
17	5	15	5	14	5	15	5	16	5	16	6	17	5	15	5	16	5	19	6	26	6	31	6	30	6	30
18	5	6.5	5	6.5	5	6.5	5	6.5	4	4	4	2	27	8.5	27	6.5	23	9.5	21	9.5	21	12	20	13	18	13
19	19	20	20	18	20	21	22	18	23	12	21	15	22	16	21	14	20	17	22	20	23	20	23	19	23	19
20	22	7.5	22	4	22	4	22	8.5	3	7.5	3	9.5	3	7.5	3	7.5	3	5.5	3	4	3	4	3	2	3	6
21	23	10.5	22	8.5	22	7.5	22	7.5	22	7.5	22	8.5	23	7.6	23	10.5	24	8.5	28	12	28	11	28	10.5	28	10
22	1	3	1	2	1	4	1	5.5	1	4.5	14	4.5	14	9.5	14	11	16	18	17	22	18	16	20	16	20	12
23	20	27	20	25	20	23	21	25	23	21	23	18	22	14	20	17	21	16	21	17	21	21	21	22	20	20
24	20	20	20	21	20	23	20	20	20	15	20	12	20	10.5	20	10.5	20	9.5	20	8.5	23	13	23	15	24	19
25	24	8.5	24	6.5	24	6.5	24	6.5	24	6.5	24	6.5	24	8.5	24	5.5	24	10.5	23	12	23	13	25	21	25	20
26	23	11	23	6.5	23	5.5	23	6.5	23	7.5	23	7.5	23	3	23	2	23	4.5	23	4	23	3	23	2	23	3
27	14	8.5	13	10.5	9	14	9	17	9	14	9	10.5	9	8.5	9	3	14	6.5	20	15	27	7.5	27	4	27	5
28	19	16	18	15	19	17	19	15	19	18	20	14	19	17	19	17	18	14	19	18	20	13	20	12	20	16
29	18	18	18	18	18	17	18	15	18	19	18	19	17	20	16	18	16	16	16	16	16	15	15	18	14	19
30	22	22	22	22	21	18	21	16	19	15	19	10.5	18	5.5	18	4	16	6.5	16	3	18	6.5	25	7.5	26	6
31	29	4	29	4.5	29	4.5	29	8.5	29	10.5	29	10.5	29	10.5	29	8.5	29	6.5	29	5.5	31	10.5	31	10.5	30	9

RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	,	.	010	010	005
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	---	---	---	---	005	---	---	---	---	---	---	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	---	---	---	---	005	---	---	---	---	---	---	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	065	005	015	015	.	.	.	010	015	015	030	005	005	.	.	005	005	005
15	.	010	.	010	005	040	095	095	005	010	.	.	035	035	005	005	.	020	020	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	010	040	.	.	035	025	030	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	005	005	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	025	010	.	005	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	015	020	080	140	095	065	005	010	.	.	.	010	080	100	050	040	010	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	010	055	060	050	045	040	090	040	045	025	050	.	.	.	.	.	.	.	.
23	.	.	.	.	010	.	.	.	.	.	.	.	.	.	.	.	.	.	035	.	.	.	005	.
24	.	.	.	.	.	.	010	020	.	.	.	.	.	.	.	.	015	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	---	---	---	---	005	---	---	---	---	---	---	.	.	.	.	.	.	.	.	.	.	.	.	018
27	027	015	010	075	025	015	.	.	.	.	.	.	.	.	030	.	.	015	065	050	040	.	.	.
28	.	.	030	.	.	.	.	.	.	.	020	030	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	020	020	020	055	100	015	.	.	.	115	.	.	.	.
30	---	---	Melted Snow = 305	---	---	---	---	---	---	---	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	-	.	.	015	010	005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

* Record defective or Instrument out of action † Obtained from reading of Standard ‡ Approximate

HOURLY VALUES DECEMBER 1880.

AND VELOCITY IN MILES PER HOUR.

2		3		4		5		6		7		8		9		10		11		MIDT.				DAYS.
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V			
9	12	19	15	19	14	19	14	19	15	20	15	20	12	20	10.6	20	8.5	20	10.5	30.	4			1
1	3	31	2	31	3	31	2	31	3	31	1.5	31	2	31	2	31	2	31	2	31	2			2
1	6.5	21	6.5	21	8.5	21	4.5	21	8.5	21	8.5	21	7.5	21	8.5	21	8.5	20	10.5	20	8.5			3
1	6.5	21	6.5	21	6.5	21	7.5	21	6.5	21	6.5	21	6.5	21	6.5	21	4.5	21	4	21	3			4
2	12	22	9.5	22	9.5	22	10.5	22	7.5	21	11	21	10.5	21	9.5	21	11	21	11	21	8.5			5
3	13	23	8.5	23	11	23	8.5	23	7.5	23	8.5	23	9.5	23	6.5	23	8.5	23	7.5	23	5.5			6
8	6.5	28	4.5	23	4	23	3	23	5.5	23	4.5	23	4.5	21	9.5	21	6.5	22	8.5	22	7.5			7
3	12	23	12	23	14	23	12	24	15	23	13	24	15	23	14	23	15	24	13	23	12			8
5	14	24	13	24	10.5	24	12	24	8.5	24	9.5	24	7.5	24	6.5	24	7.5	24	6.5	24	6.5			9
5	17	25	19	25	16	26	14	28	13	27	18	27	11	27	10.5	26	7.5	25	7.5	25	6.5			10
2	11	22	9.5	22	9.5	22	11	22	8.5	22	10.5	21	10.5	22	10.5	22	12	22	13	22	11			11
3	14	23	11	23	13	23	11	23	9.5	23	12	23	12	22	13	22	13	23	15	23	16			12
3	17	24	23	24	20	22	19	23	18	23	17	23	20	22	17	22	19	22	18	22	15			13
9	11	29	6.5	30	10.5	28	6.5	28	5.5	32	3	32	4	1	5.5	2	4.5	2	4.5	2	4.5			14
0	23	20	20.	20	20	21	17	23	17	23	13	23	12	23	13	24	9.5	22	12	21	12			15
2	15	3	13	3	10.5	3	12	3	11	3	12	4	15	5	16	4	16	4	16	4	13			16
5	29	6	25	6	22	4	18	5	22	6	16	6	16	5	22	6	20	6	17	5	12			17
8	12	17	15	19	20	18	19	19	18	19	18	20	16	21	12	21	10.5	20	19	19	17			18
3	16	22	11	22	8.5	22	7.5	22	10.5	22	9.5	22	9.5	22	7.5	22	8.5	22	4.5	22	6.5			19
2	8.5	2	9.5	2	6.5	2	4.5	29	7.5	29	6.5	27	6.5	27	8.5	26	8.5	25	7.5	24	6.5			20
0	11	1	4.5	1	4	1	3	1	4.5	1	2	1	4.5	1	4	1	2	1	3	1	1.5			21
2	13	21	15	22	16	23	15	22	16	21	16	20	17	20	17	19	21	19	23	20.	28			22
0	17	19	15	19	13	19	18	19	13	19	9.5	19	10.5	17	18	18	24	19	25	20	22			23
3	16	23	15	24	23	25	19	25	20	26	15	25	14	25	14	24	14	24	11	24	8.5			24
5	20	26	21	26	16	25	13	25	12	24	13	24	9.5	23	10.5	23	8.5	23	10.5	23	10.5			25
3	3	23	2	23	4.5	23	3	23	4	23	4	23	5.5	15	7.5	15	7.5	15	7.5	15	10.5			26
7	6.5	27	4.5	27	4	27	4	27	7.5	3	7.5	3	4.5	3	4.5	19	14	19	14	18	19			27
0	15	19	13	19	13	19	11	19	15	19	14	19	14	19	11	18	13	18	19	18	13			28
5	25	16	24	18	25	18	25	17	32	17	30	17	28	23	23	22	19	22	21	23	25			29
9	5.5	30	4	30	5.5	30	3	30	4	30	6.5	30	4	30	4	30	4	30	4.5	30	5.5			30
0	10.5	29	8.5	29	7.5	29	6.5	29	6.5	24	7.5	24	7.5	24	4.5	24	6.5	24	4.5	24	4			31

VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
8.7	28.5	27.4	27.7	27.6	28.0	28.2	28.7	29.5	28.5	28.3	29.0	29.8	30.3	31.1	30.6	30.0	30.2	30.6	30.4	32.0	32.2	32.5	27.9	1
8.9	27.2	26.3	24.7	21.8	21.2	20.3	19.9	20.0	20.3	23.2	24.3	24.1	23.8	23.9	22.6	22.6	22.0	26.4	18.8	18.4	16.7	16.7	*	2
6.2	16.7	17.4	*	*	18.6	20.6	21.0	22.3	23.5	25.8	29.6	31.2	32.0	31.1	30.9	30.9	31.4	30.6	30.1	29.0	28.0	27.3	26.8	3
7.1	27.2	26.9	27.1	27.0	27.5	27.8	27.8	27.9	28.3	29.5	30.2	30.7	30.4	30.6	31.4	30.9	29.9	27.7	27.9	27.5	26.7	25.6	25.0	4
5.7	26.3	25.7	26.4	26.2	25.8	26.4	27.7	27.9	27.9	28.1	27.8	27.3	29.4	29.3	29.6	29.0	29.2	28.5	29.2	29.4	29.5	29.3	29.6	5
9.6	29.6	29.5	29.9	30.6	30.7	30.6	30.9	31.7	32.0	31.8	31.9	33.0	33.0	32.2	31.5	31.9	31.6	32.0	31.7	31.1	31.0	30.4	30.0	6
9.6	29.8	29.6	29.6	29.8	29.8	29.9	30.1	30.5	30.3	30.5	30.9	29.9	30.0	28.8	29.6	29.6	29.1	29.5	30.0	30.0	29.3	29.3	28.9	7
8.9	28.9	29.5	30.0	30.1	30.1	30.3	29.9	30.7	30.7	30.6	28.8	28.6	28.5	28.3	26.8	27.8	27.9	28.4	27.3	27.3	26.9	25.7	25.4	8
5.9	26.2	26.6	27.3	28.3	28.8	29.8	30.2	30.1	30.6	30.3	30.2	30.3	30.4	29.4	30.0	29.1	29.2	29.0	27.7	26.5	25.5	25.4	25.4	9
6.0	26.3	27.5	29.2	30.1	31.2	32.2	31.6	32.3	32.2	32.2	32.5	32.8	32.5	31.1	29.3	27.9	25.5	23.2	23.5	22.7	23.3	23.4	22.0	10
2.6	22.6	21.7	22.2	21.0	20.4	20.2	20.0	21.0	21.0	21.9	23.6	23.2	23.4	24.0	23.5	23.0	23.9	25.9	27.8	26.4	25.9	24.9	25.3	11
2.8	26.5	26.8	27.1	27.7	26.7	25.7	22.7	21.4	24.1	23.3	22.9	22.4	22.8	23.8	23.4	22.3	22.0	22.0	22.4	23.0	22.9	24.2	23.9	12
25.0	26.5	27.2	27.0	27.2	27.8	27.5	26.9	27.0	27.6	*	†28.8	*	†29.8	*	†28.4	28.5	28.9	28.9	28.6	27.8	27.4	27.2	27.7	13
29.6	30.1	28.8	29.3	29.7	30.3	26.2	25.6	26.4	25.1	24.7	23.4	23.4	23.0	23.6	22.4	21.6	21.0	18.5	19.4	16.0	17.7	19.8	20.2	14
20.3	19.2	18.8	19.0	20.3	21.4	23.5	26.1	32.6	33.7	34.1	34.5	35.0	34.5	34.3	34.6	34.2	34.2	32.4	31.9	30.1	27.5	26.3	27.8	15
27.1	27.2	27.3	26.9	26.8	26.6	26.2	26.8	27.6	28.0	29.7	29.7	29.3	23.0	22.4	22.4	21.1	20.6	20.5	20.7	20.7	20.0	19.5	18.9	16
18.5	18.4	18.7	18.7	18.0	17.5	*	*	17.9	18.9	17.7	16.4	*	†15.6	15.9	15.6	15.7	16.6	.....	*	.....	†17.7	17.5	17.9	17
18.0	18.8	18.3	18.4	18.9	19.3	19.5	19.7	19.5	18.8	18.9	18.9	18.7	21.1	25.1	26.3	26.2	26.7	25.7	25.7	25.0	23.9	23.6	23.6	18
24.0	23.1	22.8	20.8	21.8	21.6	20.4	20.5	20.5	20.6	18.9	18.0	16.4	16.3	17.7	18.6	19.2	19.8	20.0	20.0	20.4	20.9	21.2	22.3	19
23.0	23.3	23.4	22.3	21.4	20.7	20.7	21.2	20.7	20.5	20.8	21.4	21.5	19.4	18.6	18.6	19.4	19.4	18.6	18.4	18.1	18.1	18.4	18.2	20
17.9	17.8	18.3	18.8	18.6	18.0	18.3	18.2	18.5	18.5	18.7	18.9	19.4	19.0	†18.6	18.9	18.4	17.1	17.0	17.0	*	†16.0	15.7	14.7	21
14.1	14.3	14.8	15.8	17.2	*	*	22.0	24.4	25.7	27.3	31.6	32.9	34.7	35.5	35.7	34.0	33.2	32.5	32.8	33.5	34.0	34.6	35.4	22
35.8	36.4	36.0	34.4	32.5	30.6	30.1	30.5	29.9	30.0	29.9	30.6	30.8	31.6	30.0	30.8	31.9	33.5	31.7	32.7	31.0	29.6	28.7	28.7	23
28.0	28.2	26.2	27.5	26.9	27.8	28.2	28.7	29.2	27.8	27.9	27.6	26.1	26.8	26.1	24.1	22.3	20.8	20.4	19.9	18.9	18.1	17.3	17.2	24
16.9	16.2	15.3	16.3	15.7	16.3	15.0	14.8	13.9	†16.0	*	*	14.9	16.0	15.0	14.9	15.3	15.4	14.9	15.0	14.6	14.4	14.0	13.9	25
13.8	14.6	15.3	15.8	15.2	*	16.6	15.1	16.6	†15.8	*	17.1	18.2	18.2	17.1	16.4	17.1	16.5	16.6	16.7	16.6	17.5	18.6	19.1	26
18.3	17.9	18.4	18.2	18.8	19.1	20.2	20.7	24.3	29.8	26.4	26.0	26.2	27.2	25.5	25.6	25.1	25.1	25.6	24.1	25.4	33.3	33.4	34.2	27
33.0	33.8	34.4	33.5	33.7	33.8	32.8	33.0	33.3	34.5	36.3	36.8	34.4	33.7	33.5	34.4	33.7	33.8	33.6	33.2	33.2	33.1	32.1	32.3	28
32.3	31.5	31.8	32.6	31.7	32.0	31.5	31.2	31.9	31.3	32.5	32.2	31.9	31.9	32.1	32.1	31.9	31.5	31.5	32.2	26.2	22.1	21.3	20.7	29
20.3	19.2	19.8	19.4	19.1	19.9	21.2	18.4	18.8	19.2	20.5	19.3	19.5	19.2	19.5	19.7	19.2	19.0	17.8	17.8	17.6	17.6	17.4	17.5	30
17.5	17.8	18.2	18.4	18.0	17.4	17.0	16.4	16.6	17.3	16.7	16.9	17.2	17.0	16.5	16.3	15.4	15.6	16.4	16.4	16.2	17.2	16.8	16.7	31

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